

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/9/09	14:05:00	4160	12.473	10.419	203.107	5225.893	201.647	5227.353
8/9/09	14:10:00	4165	12.468	10.418	203.119	5225.881	201.659	5227.341
8/9/09	14:15:00	4170	12.467	10.416	203.120	5225.880	201.660	5227.340
8/9/09	14:20:00	4175	12.466	10.417	203.123	5225.877	201.663	5227.337
8/9/09	14:25:00	4180	12.462	10.416	203.131	5225.869	201.671	5227.329
8/9/09	14:30:00	4185	12.459	10.414	203.138	5225.862	201.678	5227.322
8/9/09	14:35:00	4190	12.458	10.410	203.141	5225.859	201.681	5227.319
8/9/09	14:40:00	4195	12.454	10.412	203.150	5225.850	201.690	5227.310
8/9/09	14:45:00	4200	12.455	10.406	203.149	5225.851	201.689	5227.311
8/9/09	14:50:00	4205	12.452	10.407	203.156	5225.844	201.696	5227.304
8/9/09	14:55:00	4210	12.442	10.407	203.179	5225.821	201.719	5227.281
8/9/09	15:00:00	4215	12.440	10.409	203.183	5225.817	201.723	5227.277
8/9/09	15:05:00	4220	12.435	10.409	203.194	5225.806	201.734	5227.266
8/9/09	15:10:00	4225	12.432	10.411	203.200	5225.800	201.740	5227.260
8/9/09	15:15:00	4230	12.433	10.411	203.200	5225.800	201.740	5227.260
8/9/09	15:20:00	4235	12.427	10.405	203.214	5225.786	201.754	5227.246
8/9/09	15:25:00	4240	12.420	10.410	203.228	5225.772	201.768	5227.232
8/9/09	15:30:00	4245	12.420	10.413	203.228	5225.772	201.768	5227.232
8/9/09	15:35:00	4250	12.416	10.412	203.238	5225.762	201.778	5227.222
8/9/09	15:40:00	4255	12.416	10.410	203.238	5225.762	201.778	5227.222
8/9/09	15:45:00	4260	12.412	10.411	203.248	5225.752	201.788	5227.212
8/9/09	15:50:00	4265	12.410	10.408	203.252	5225.748	201.792	5227.208
8/9/09	15:55:00	4270	12.410	10.411	203.253	5225.747	201.793	5227.207
8/9/09	16:00:00	4275	12.407	10.409	203.259	5225.741	201.799	5227.201
8/9/09	16:05:00	4280	12.407	10.409	203.260	5225.740	201.800	5227.200
8/9/09	16:10:00	4285	12.404	10.410	203.267	5225.733	201.807	5227.193
8/9/09	16:15:00	4290	12.399	10.412	203.277	5225.723	201.817	5227.183
8/9/09	16:20:00	4295	12.401	10.409	203.272	5225.728	201.812	5227.188
8/9/09	16:25:00	4300	12.398	10.411	203.281	5225.719	201.821	5227.179
8/9/09	16:30:00	4305	12.398	10.407	203.280	5225.720	201.820	5227.180
8/9/09	16:35:00	4310	12.394	10.402	203.290	5225.710	201.830	5227.170
8/9/09	16:40:00	4315	12.394	10.405	203.289	5225.711	201.829	5227.171
8/9/09	16:45:00	4320	12.393	10.406	203.290	5225.710	201.830	5227.170
8/9/09	16:50:00	4325	12.392	10.410	203.294	5225.706	201.834	5227.166
8/9/09	16:55:00	4330	12.390	10.409	203.299	5225.701	201.839	5227.161
8/9/09	17:00:00	4335	12.389	10.405	203.300	5225.700	201.840	5227.160
8/9/09	17:05:00	4340	12.384	10.407	203.312	5225.688	201.852	5227.148
8/9/09	17:10:00	4345	12.384	10.408	203.312	5225.688	201.852	5227.148
8/9/09	17:15:00	4350	12.383	10.405	203.315	5225.685	201.855	5227.145
8/9/09	17:20:00	4355	12.381	10.408	203.319	5225.681	201.859	5227.141
8/9/09	17:25:00	4360	12.378	10.409	203.325	5225.675	201.865	5227.135
8/9/09	17:30:00	4365	12.375	10.406	203.333	5225.667	201.873	5227.127
8/9/09	17:35:00	4370	12.374	10.402	203.334	5225.666	201.874	5227.126
8/9/09	17:40:00	4375	12.374	10.401	203.336	5225.664	201.876	5227.124
8/9/09	17:45:00	4380	12.374	10.402	203.336	5225.664	201.876	5227.124
8/9/09	17:50:00	4385	12.374	10.401	203.336	5225.664	201.876	5227.124
8/9/09	17:55:00	4390	12.373	10.408	203.338	5225.662	201.878	5227.122
8/9/09	18:00:00	4395	12.369	10.406	203.348	5225.652	201.888	5227.112
8/9/09	18:05:00	4400	12.368	10.408	203.348	5225.652	201.888	5227.112
8/9/09	18:10:00	4405	12.364	10.399	203.358	5225.642	201.898	5227.102
8/9/09	18:15:00	4410	12.367	10.407	203.351	5225.649	201.891	5227.109
8/9/09	18:20:00	4415	12.366	10.407	203.355	5225.645	201.895	5227.105

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/9/09	18:25:00	4420	12.361	10.408	203.365	5225.635	201.905	5227.095
8/9/09	18:30:00	4425	12.362	10.409	203.362	5225.638	201.902	5227.098
8/9/09	18:35:00	4430	12.363	10.411	203.361	5225.639	201.901	5227.099
8/9/09	18:40:00	4435	12.361	10.411	203.366	5225.634	201.906	5227.094
8/9/09	18:45:00	4440	12.357	10.412	203.373	5225.627	201.913	5227.087
8/9/09	18:50:00	4445	12.357	10.407	203.375	5225.625	201.915	5227.085
8/9/09	18:55:00	4450	12.360	10.411	203.368	5225.632	201.908	5227.092
8/9/09	19:00:00	4455	12.359	10.412	203.370	5225.630	201.910	5227.090
8/9/09	19:05:00	4460	12.359	10.412	203.370	5225.630	201.910	5227.090
8/9/09	19:10:00	4465	12.358	10.413	203.372	5225.628	201.912	5227.088
8/9/09	19:15:00	4470	12.359	10.413	203.369	5225.631	201.909	5227.091
8/9/09	19:20:00	4475	12.360	10.413	203.367	5225.633	201.907	5227.093
8/9/09	19:25:00	4480	12.359	10.411	203.369	5225.631	201.909	5227.091
8/9/09	19:30:00	4485	12.359	10.413	203.371	5225.629	201.911	5227.089
8/9/09	19:35:00	4490	12.358	10.414	203.372	5225.628	201.912	5227.088
8/9/09	19:40:00	4495	12.358	10.412	203.371	5225.629	201.911	5227.089
8/9/09	19:45:00	4500	12.355	10.417	203.380	5225.620	201.920	5227.080
8/9/09	19:50:00	4505	12.357	10.408	203.375	5225.625	201.915	5227.085
8/9/09	19:55:00	4510	12.359	10.406	203.371	5225.629	201.911	5227.089
8/9/09	20:00:00	4515	12.359	10.406	203.371	5225.629	201.911	5227.089
8/9/09	20:05:00	4520	12.356	10.407	203.377	5225.623	201.917	5227.083
8/9/09	20:10:00	4525	12.360	10.411	203.367	5225.633	201.907	5227.093
8/9/09	20:15:00	4530	12.363	10.410	203.361	5225.639	201.901	5227.099
8/9/09	20:20:00	4535	12.363	10.411	203.361	5225.639	201.901	5227.099
8/9/09	20:25:00	4540	12.363	10.415	203.360	5225.640	201.900	5227.100
8/9/09	20:30:00	4545	12.364	10.416	203.358	5225.642	201.898	5227.102
8/9/09	20:35:00	4550	12.365	10.418	203.357	5225.643	201.897	5227.103
8/9/09	20:40:00	4555	12.367	10.418	203.352	5225.648	201.892	5227.108
8/9/09	20:45:00	4560	12.367	10.415	203.351	5225.649	201.891	5227.109
8/9/09	20:50:00	4565	12.366	10.416	203.354	5225.646	201.894	5227.106
8/9/09	20:55:00	4570	12.368	10.418	203.349	5225.651	201.889	5227.111
8/9/09	21:00:00	4575	12.368	10.417	203.350	5225.650	201.890	5227.110
8/9/09	21:05:00	4580	12.365	10.417	203.356	5225.644	201.896	5227.104
8/9/09	21:10:00	4585	12.362	10.419	203.362	5225.638	201.902	5227.098
8/9/09	21:15:00	4590	12.363	10.412	203.360	5225.640	201.900	5227.100
8/9/09	21:20:00	4595	12.363	10.417	203.360	5225.640	201.900	5227.100
8/9/09	21:25:00	4600	12.360	10.413	203.367	5225.633	201.907	5227.093
8/9/09	21:30:00	4605	12.359	10.419	203.369	5225.631	201.909	5227.091
8/9/09	21:35:00	4610	12.357	10.417	203.374	5225.626	201.914	5227.086
8/9/09	21:40:00	4615	12.354	10.409	203.381	5225.619	201.921	5227.079
8/9/09	21:45:00	4620	12.351	10.413	203.389	5225.611	201.929	5227.071
8/9/09	21:50:00	4625	12.348	10.415	203.395	5225.605	201.935	5227.065
8/9/09	21:55:00	4630	12.346	10.419	203.399	5225.601	201.939	5227.061
8/9/09	22:00:00	4635	12.344	10.417	203.404	5225.596	201.944	5227.056
8/9/09	22:05:00	4640	12.342	10.420	203.409	5225.591	201.949	5227.051
8/9/09	22:10:00	4645	12.341	10.419	203.412	5225.588	201.952	5227.048
8/9/09	22:15:00	4650	12.338	10.413	203.417	5225.583	201.957	5227.043
8/9/09	22:20:00	4655	12.335	10.419	203.425	5225.575	201.965	5227.035
8/9/09	22:25:00	4660	12.332	10.418	203.431	5225.569	201.971	5227.029
8/9/09	22:30:00	4665	12.331	10.417	203.434	5225.566	201.974	5227.026
8/9/09	22:35:00	4670	12.330	10.417	203.437	5225.563	201.977	5227.023
8/9/09	22:40:00	4675	12.327	10.418	203.445	5225.555	201.985	5227.015

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/9/09	22:45:00	4680	12.324	10.420	203.450	5225.550	201.990	5227.010
8/9/09	22:50:00	4685	12.321	10.416	203.457	5225.543	201.997	5227.003
8/9/09	22:55:00	4690	12.317	10.410	203.466	5225.534	202.006	5226.994
8/9/09	23:00:00	4695	12.316	10.408	203.470	5225.530	202.010	5226.990
8/9/09	23:05:00	4700	12.312	10.408	203.479	5225.521	202.019	5226.981
8/9/09	23:10:00	4705	12.310	10.406	203.484	5225.516	202.024	5226.976
8/9/09	23:15:00	4710	12.305	10.412	203.495	5225.505	202.035	5226.965
8/9/09	23:20:00	4715	12.301	10.414	203.503	5225.497	202.043	5226.957
8/9/09	23:25:00	4720	12.300	10.414	203.507	5225.493	202.047	5226.953
8/9/09	23:30:00	4725	12.298	10.415	203.512	5225.488	202.052	5226.948
8/9/09	23:35:00	4730	12.296	10.414	203.516	5225.484	202.056	5226.944
8/9/09	23:40:00	4735	12.292	10.411	203.524	5225.476	202.064	5226.936
8/9/09	23:45:00	4740	12.291	10.413	203.527	5225.473	202.067	5226.933
8/9/09	23:50:00	4745	12.283	10.410	203.545	5225.455	202.085	5226.915
8/9/09	23:55:00	4750	12.286	10.412	203.539	5225.461	202.079	5226.921
8/10/09	0:00:00	4755	12.280	10.413	203.553	5225.447	202.093	5226.907
8/10/09	0:05:00	4760	12.280	10.408	203.552	5225.448	202.092	5226.908
8/10/09	0:10:00	4765	12.274	10.410	203.567	5225.433	202.107	5226.893
8/10/09	0:15:00	4770	12.276	10.411	203.561	5225.439	202.101	5226.899
8/10/09	0:20:00	4775	12.272	10.410	203.570	5225.430	202.110	5226.890
8/10/09	0:25:00	4780	12.267	10.411	203.582	5225.418	202.122	5226.878
8/10/09	0:30:00	4785	12.265	10.413	203.587	5225.413	202.127	5226.873
8/10/09	0:35:00	4790	12.263	10.410	203.592	5225.408	202.132	5226.868
8/10/09	0:40:00	4795	12.259	10.407	203.600	5225.400	202.140	5226.860
8/10/09	0:45:00	4800	12.256	10.409	203.607	5225.393	202.147	5226.853
8/10/09	0:50:00	4805	12.252	10.411	203.616	5225.384	202.156	5226.844
8/10/09	0:55:00	4810	12.250	10.411	203.621	5225.379	202.161	5226.839
8/10/09	1:00:00	4815	12.246	10.411	203.631	5225.369	202.171	5226.829
8/10/09	1:05:00	4820	12.244	10.411	203.636	5225.364	202.176	5226.824
8/10/09	1:10:00	4825	12.237	10.417	203.652	5225.348	202.192	5226.808
8/10/09	1:15:00	4830	12.237	10.418	203.651	5225.349	202.191	5226.809
8/10/09	1:20:00	4835	12.233	10.414	203.660	5225.340	202.200	5226.800
8/10/09	1:25:00	4840	12.231	10.415	203.666	5225.334	202.206	5226.794
8/10/09	1:30:00	4845	12.229	10.415	203.670	5225.330	202.210	5226.790
8/10/09	1:35:00	4850	12.222	10.413	203.685	5225.315	202.225	5226.775
8/10/09	1:40:00	4855	12.218	10.413	203.696	5225.304	202.236	5226.764
8/10/09	1:45:00	4860	12.215	10.418	203.702	5225.298	202.242	5226.758
8/10/09	1:50:00	4865	12.210	10.418	203.714	5225.286	202.254	5226.746
8/10/09	1:55:00	4870	12.207	10.417	203.722	5225.278	202.262	5226.738
8/10/09	2:00:00	4875	12.205	10.421	203.725	5225.275	202.265	5226.735
8/10/09	2:05:00	4880	12.202	10.417	203.732	5225.268	202.272	5226.728
8/10/09	2:10:00	4885	12.201	10.415	203.735	5225.265	202.275	5226.725
8/10/09	2:15:00	4890	12.194	10.417	203.750	5225.250	202.290	5226.710
8/10/09	2:20:00	4895	12.196	10.417	203.746	5225.254	202.286	5226.714
8/10/09	2:25:00	4900	12.194	10.415	203.751	5225.249	202.291	5226.709
8/10/09	2:30:00	4905	12.190	10.419	203.759	5225.241	202.299	5226.701
8/10/09	2:35:00	4910	12.188	10.415	203.765	5225.235	202.305	5226.695
8/10/09	2:40:00	4915	12.185	10.418	203.772	5225.228	202.312	5226.688
8/10/09	2:45:00	4920	12.185	10.416	203.772	5225.228	202.312	5226.688
8/10/09	2:50:00	4925	12.182	10.413	203.779	5225.221	202.319	5226.681
8/10/09	2:55:00	4930	12.180	10.413	203.783	5225.217	202.323	5226.677
8/10/09	3:00:00	4935	12.177	10.417	203.790	5225.210	202.330	5226.670

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/10/09	3:05:00	4940	12.172	10.418	203.802	5225.198	202.342	5226.658
8/10/09	3:10:00	4945	12.173	10.421	203.799	5225.201	202.339	5226.661
8/10/09	3:15:00	4950	12.172	10.415	203.801	5225.199	202.341	5226.659
8/10/09	3:20:00	4955	12.166	10.413	203.817	5225.183	202.357	5226.643
8/10/09	3:25:00	4960	12.167	10.407	203.814	5225.186	202.354	5226.646
8/10/09	3:30:00	4965	12.163	10.408	203.823	5225.177	202.363	5226.637
8/10/09	3:35:00	4970	12.158	10.405	203.833	5225.167	202.373	5226.627
8/10/09	3:40:00	4975	12.155	10.407	203.841	5225.159	202.381	5226.619
8/10/09	3:45:00	4980	12.152	10.407	203.848	5225.152	202.388	5226.612
8/10/09	3:50:00	4985	12.151	10.406	203.850	5225.150	202.390	5226.610
8/10/09	3:55:00	4990	12.147	10.405	203.859	5225.141	202.399	5226.601
8/10/09	4:00:00	4995	12.147	10.410	203.859	5225.141	202.399	5226.601
8/10/09	4:05:00	5000	12.142	10.413	203.872	5225.128	202.412	5226.588
8/10/09	4:10:00	5005	12.140	10.418	203.876	5225.124	202.416	5226.584
8/10/09	4:15:00	5010	12.134	10.421	203.890	5225.110	202.430	5226.570
8/10/09	4:20:00	5015	12.134	10.417	203.888	5225.112	202.428	5226.572
8/10/09	4:25:00	5020	12.130	10.415	203.899	5225.101	202.439	5226.561
8/10/09	4:30:00	5025	12.126	10.420	203.908	5225.092	202.448	5226.552
8/10/09	4:35:00	5030	12.124	10.416	203.912	5225.088	202.452	5226.548
8/10/09	4:40:00	5035	12.121	10.417	203.920	5225.080	202.460	5226.540
8/10/09	4:45:00	5040	12.120	10.413	203.923	5225.077	202.463	5226.537
8/10/09	4:50:00	5045	12.117	10.416	203.929	5225.071	202.469	5226.531
8/10/09	4:55:00	5050	12.112	10.416	203.941	5225.059	202.481	5226.519
8/10/09	5:00:00	5055	12.112	10.415	203.941	5225.059	202.481	5226.519
8/10/09	5:05:00	5060	12.109	10.415	203.947	5225.053	202.487	5226.513
8/10/09	5:10:00	5065	12.107	10.417	203.951	5225.049	202.491	5226.509
8/10/09	5:15:00	5070	12.101	10.413	203.965	5225.035	202.505	5226.495
8/10/09	5:20:00	5075	12.102	10.413	203.963	5225.037	202.503	5226.497
8/10/09	5:25:00	5080	12.101	10.414	203.965	5225.035	202.505	5226.495
8/10/09	5:30:00	5085	12.098	10.418	203.973	5225.027	202.513	5226.487
8/10/09	5:35:00	5090	12.095	10.417	203.979	5225.021	202.519	5226.481
8/10/09	5:40:00	5095	12.095	10.415	203.979	5225.021	202.519	5226.481
8/10/09	5:45:00	5100	12.089	10.420	203.994	5225.006	202.534	5226.466
8/10/09	5:50:00	5105	12.087	10.413	203.999	5225.001	202.539	5226.461
8/10/09	5:55:00	5110	12.088	10.415	203.997	5225.003	202.537	5226.463
8/10/09	6:00:00	5115	12.089	10.414	203.993	5225.007	202.533	5226.467
8/10/09	6:05:00	5120	12.082	10.417	204.009	5224.991	202.549	5226.451
8/10/09	6:10:00	5125	12.077	10.417	204.021	5224.979	202.561	5226.439
8/10/09	6:15:00	5130	12.078	10.419	204.018	5224.982	202.558	5226.442
8/10/09	6:20:00	5135	12.078	10.417	204.020	5224.980	202.560	5226.440
8/10/09	6:25:00	5140	12.073	10.417	204.030	5224.970	202.570	5226.430
8/10/09	6:30:00	5145	12.070	10.418	204.037	5224.963	202.577	5226.423
8/10/09	6:35:00	5150	12.068	10.414	204.042	5224.958	202.582	5226.418
8/10/09	6:40:00	5155	12.065	10.412	204.048	5224.952	202.588	5226.412
8/10/09	6:45:00	5160	12.063	10.413	204.053	5224.947	202.593	5226.407
8/10/09	6:50:00	5165	12.059	10.414	204.063	5224.937	202.603	5226.397
8/10/09	6:55:00	5170	12.057	10.413	204.067	5224.933	202.607	5226.393
8/10/09	7:00:00	5175	12.051	10.413	204.082	5224.918	202.622	5226.378
8/10/09	7:05:00	5180	12.049	10.413	204.085	5224.915	202.625	5226.375
8/10/09	7:10:00	5185	12.047	10.416	204.090	5224.910	202.630	5226.370
8/10/09	7:15:00	5190	12.045	10.416	204.095	5224.905	202.635	5226.365
8/10/09	7:20:00	5195	12.038	10.417	204.110	5224.890	202.650	5226.350

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/10/09	7:25:00	5200	12.033	10.413	204.121	5224.879	202.661	5226.339
8/10/09	7:30:00	5205	12.030	10.415	204.129	5224.871	202.669	5226.331
8/10/09	7:35:00	5210	12.023	10.422	204.145	5224.855	202.685	5226.315
8/10/09	7:40:00	5215	12.019	10.419	204.155	5224.845	202.695	5226.305
8/10/09	7:45:00	5220	12.012	10.418	204.171	5224.829	202.711	5226.289
8/10/09	7:50:00	5225	12.008	10.417	204.181	5224.819	202.721	5226.279
8/10/09	7:55:00	5230	12.004	10.415	204.190	5224.810	202.730	5226.270
8/10/09	8:00:00	5235	12.001	10.413	204.195	5224.805	202.735	5226.265
8/10/09	8:05:00	5240	12.001	10.417	204.196	5224.804	202.736	5226.264
8/10/09	8:10:00	5245	11.994	10.418	204.213	5224.787	202.753	5226.247
8/10/09	8:15:00	5250	11.988	10.419	204.227	5224.773	202.767	5226.233
8/10/09	8:20:00	5255	11.981	10.420	204.242	5224.758	202.782	5226.218
8/10/09	8:25:00	5260	11.977	10.420	204.252	5224.748	202.792	5226.208
8/10/09	8:30:00	5265	11.976	10.417	204.255	5224.745	202.795	5226.205
8/10/09	8:35:00	5270	11.976	10.412	204.255	5224.745	202.795	5226.205
8/10/09	8:40:00	5275	11.975	10.411	204.257	5224.743	202.797	5226.203
8/10/09	8:45:00	5280	11.972	10.417	204.262	5224.738	202.802	5226.198
8/10/09	8:50:00	5285	11.967	10.413	204.276	5224.724	202.816	5226.184
8/10/09	8:55:00	5290	11.963	10.417	204.285	5224.715	202.825	5226.175
8/10/09	9:00:00	5295	11.960	10.416	204.291	5224.709	202.831	5226.169
8/10/09	9:05:00	5300	11.956	10.415	204.301	5224.699	202.841	5226.159
8/10/09	9:10:00	5305	11.949	10.408	204.316	5224.684	202.856	5226.144
8/10/09	9:15:00	5310	11.945	10.409	204.327	5224.673	202.867	5226.133
8/10/09	9:20:00	5315	11.939	10.415	204.340	5224.660	202.880	5226.120
8/10/09	9:25:00	5320	11.934	10.419	204.351	5224.649	202.891	5226.109
8/10/09	9:30:00	5325	11.928	10.418	204.365	5224.635	202.905	5226.095
8/10/09	9:35:00	5330	11.924	10.414	204.374	5224.626	202.914	5226.086
8/10/09	9:40:00	5335	11.913	10.413	204.400	5224.600	202.940	5226.060
8/10/09	9:45:00	5340	11.914	10.413	204.398	5224.602	202.938	5226.062
8/10/09	9:50:00	5345	11.909	10.414	204.408	5224.592	202.948	5226.052
8/10/09	9:55:00	5350	11.907	10.413	204.414	5224.586	202.954	5226.046
8/10/09	10:00:00	5355	11.897	10.415	204.437	5224.563	202.977	5226.023
8/10/09	10:05:00	5360	11.891	10.416	204.450	5224.550	202.990	5226.010
8/10/09	10:10:00	5365	11.890	10.418	204.453	5224.547	202.993	5226.007
8/10/09	10:15:00	5370	11.886	10.414	204.461	5224.539	203.001	5225.999
8/10/09	10:20:00	5375	11.886	10.414	204.463	5224.537	203.003	5225.997
8/10/09	10:25:00	5380	11.873	10.414	204.493	5224.507	203.033	5225.967
8/10/09	10:30:00	5385	11.871	10.413	204.496	5224.504	203.036	5225.964
8/10/09	10:35:00	5390	11.870	10.413	204.498	5224.502	203.038	5225.962
8/10/09	10:40:00	5395	11.870	10.412	204.498	5224.502	203.038	5225.962
8/10/09	10:45:00	5400	11.869	10.412	204.502	5224.498	203.042	5225.958
8/10/09	10:50:00	5405	11.864	10.409	204.512	5224.488	203.052	5225.948
8/10/09	10:55:00	5410	11.863	10.411	204.515	5224.485	203.055	5225.945
8/10/09	11:00:00	5415	11.861	10.415	204.519	5224.481	203.059	5225.941
8/10/09	11:05:00	5420	11.850	10.413	204.546	5224.454	203.086	5225.914
8/10/09	11:10:00	5425	11.847	10.413	204.553	5224.447	203.093	5225.907
8/10/09	11:15:00	5430	11.840	10.413	204.568	5224.432	203.108	5225.892
8/10/09	11:20:00	5435	11.838	10.408	204.572	5224.428	203.112	5225.888
8/10/09	11:25:00	5440	11.840	10.413	204.569	5224.431	203.109	5225.891
8/10/09	11:30:00	5445	11.838	10.411	204.574	5224.426	203.114	5225.886
8/10/09	11:35:00	5450	11.839	10.410	204.572	5224.428	203.112	5225.888
8/10/09	11:40:00	5455	11.836	10.412	204.577	5224.423	203.117	5225.883

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/10/09	11:45:00	5460	11.838	10.410	204.574	5224.426	203.114	5225.886
8/10/09	11:50:00	5465	11.836	10.415	204.578	5224.422	203.118	5225.882
8/10/09	11:55:00	5470	11.833	10.411	204.584	5224.416	203.124	5225.876
8/10/09	12:00:00	5475	11.828	10.408	204.596	5224.404	203.136	5225.864
8/10/09	12:05:00	5480	11.828	10.411	204.595	5224.405	203.135	5225.865
8/10/09	12:10:00	5485	11.828	10.413	204.597	5224.403	203.137	5225.863
8/10/09	12:15:00	5490	11.825	10.414	204.604	5224.396	203.144	5225.856
8/10/09	12:20:00	5495	11.823	10.416	204.606	5224.394	203.146	5225.854
8/10/09	12:25:00	5500	11.823	10.413	204.608	5224.392	203.148	5225.852
8/10/09	12:30:00	5505	11.824	10.410	204.606	5224.394	203.146	5225.854
8/10/09	12:35:00	5510	11.822	10.409	204.611	5224.389	203.151	5225.849
8/10/09	12:40:00	5515	11.823	10.409	204.607	5224.393	203.147	5225.853
8/10/09	12:45:00	5520	11.828	10.409	204.597	5224.403	203.137	5225.863
8/10/09	12:50:00	5525	11.829	10.411	204.593	5224.407	203.133	5225.867
8/10/09	12:55:00	5530	11.818	10.410	204.619	5224.381	203.159	5225.841
8/10/09	13:00:00	5535	11.812	10.413	204.632	5224.368	203.172	5225.828
8/10/09	13:05:00	5540	11.812	10.413	204.633	5224.367	203.173	5225.827
8/10/09	13:10:00	5545	11.810	10.413	204.638	5224.362	203.178	5225.822
8/10/09	13:15:00	5550	11.808	10.415	204.641	5224.359	203.181	5225.819
8/10/09	13:20:00	5555	11.801	10.414	204.659	5224.341	203.199	5225.801
8/10/09	13:25:00	5560	11.797	10.416	204.668	5224.332	203.208	5225.792
8/10/09	13:30:00	5565	11.796	10.413	204.669	5224.331	203.209	5225.791
8/10/09	13:35:00	5570	11.796	10.413	204.671	5224.329	203.211	5225.789
8/10/09	13:40:00	5575	11.793	10.417	204.677	5224.323	203.217	5225.783
8/10/09	13:45:00	5580	11.800	10.413	204.661	5224.339	203.201	5225.799
8/10/09	13:50:00	5585	11.807	10.412	204.644	5224.356	203.184	5225.816
8/10/09	13:55:00	5590	11.807	10.421	204.644	5224.356	203.184	5225.816
8/10/09	14:00:00	5595	11.801	10.419	204.659	5224.341	203.199	5225.801
8/10/09	14:05:00	5600	11.791	10.417	204.682	5224.318	203.222	5225.778
8/10/09	14:10:00	5605	11.780	10.416	204.707	5224.293	203.247	5225.753
8/10/09	14:15:00	5610	11.780	10.415	204.707	5224.293	203.247	5225.753
8/10/09	14:20:00	5615	11.777	10.412	204.713	5224.287	203.253	5225.747
8/10/09	14:25:00	5620	11.774	10.414	204.721	5224.279	203.261	5225.739
8/10/09	14:30:00	5625	11.766	10.416	204.739	5224.261	203.279	5225.721
8/10/09	14:35:00	5630	11.763	10.413	204.747	5224.253	203.287	5225.713
8/10/09	14:40:00	5635	11.764	10.409	204.744	5224.256	203.284	5225.716
8/10/09	14:45:00	5640	11.761	10.410	204.751	5224.249	203.291	5225.709
8/10/09	14:50:00	5645	11.762	10.412	204.749	5224.251	203.289	5225.711
8/10/09	14:55:00	5650	11.758	10.412	204.757	5224.243	203.297	5225.703
8/10/09	15:00:00	5655	11.763	10.412	204.746	5224.254	203.286	5225.714
8/10/09	15:05:00	5660	11.764	10.410	204.743	5224.257	203.283	5225.717
8/10/09	15:10:00	5665	11.763	10.409	204.745	5224.255	203.285	5225.715
8/10/09	15:15:00	5670	11.766	10.413	204.738	5224.262	203.278	5225.722
8/10/09	15:20:00	5675	11.750	10.413	204.776	5224.224	203.316	5225.684
8/10/09	15:25:00	5680	11.751	10.415	204.773	5224.227	203.313	5225.687
8/10/09	15:30:00	5685	11.750	10.418	204.775	5224.225	203.315	5225.685
8/10/09	15:35:00	5690	11.749	10.416	204.777	5224.223	203.317	5225.683
8/10/09	15:40:00	5695	11.750	10.414	204.776	5224.224	203.316	5225.684
8/10/09	15:45:00	5700	11.744	10.408	204.789	5224.211	203.329	5225.671
8/10/09	15:50:00	5705	11.745	10.405	204.789	5224.211	203.329	5225.671
8/10/09	15:55:00	5710	11.742	10.405	204.794	5224.206	203.334	5225.666
8/10/09	16:00:00	5715	11.739	10.413	204.802	5224.198	203.342	5225.658

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/10/09	16:05:00	5720	11.737	10.413	204.807	5224.193	203.347	5225.653
8/10/09	16:10:00	5725	11.736	10.414	204.808	5224.192	203.348	5225.652
8/10/09	16:15:00	5730	11.734	10.413	204.813	5224.187	203.353	5225.647
8/10/09	16:20:00	5735	11.733	10.416	204.815	5224.185	203.355	5225.645
8/10/09	16:25:00	5740	11.731	10.413	204.819	5224.181	203.359	5225.641
8/10/09	16:30:00	5745	11.731	10.417	204.821	5224.179	203.361	5225.639
8/10/09	16:35:00	5750	11.731	10.419	204.821	5224.179	203.361	5225.639
8/10/09	16:40:00	5755	11.726	10.417	204.831	5224.169	203.371	5225.629
8/10/09	16:45:00	5760	11.725	10.418	204.833	5224.167	203.373	5225.627
8/10/09	16:50:00	5765	11.723	10.414	204.837	5224.163	203.377	5225.623
8/10/09	16:55:00	5770	11.722	10.421	204.841	5224.159	203.381	5225.619
8/10/09	17:00:00	5775	11.721	10.409	204.843	5224.157	203.383	5225.617
8/10/09	17:05:00	5780	11.721	10.407	204.843	5224.157	203.383	5225.617
8/10/09	17:10:00	5785	11.719	10.408	204.848	5224.152	203.388	5225.612
8/10/09	17:15:00	5790	11.717	10.410	204.851	5224.149	203.391	5225.609
8/10/09	17:20:00	5795	11.716	10.409	204.854	5224.146	203.394	5225.606
8/10/09	17:25:00	5800	11.715	10.407	204.857	5224.143	203.397	5225.603
8/10/09	17:30:00	5805	11.713	10.410	204.860	5224.140	203.400	5225.600
8/10/09	17:35:00	5810	11.714	10.407	204.860	5224.140	203.400	5225.600
8/10/09	17:40:00	5815	11.711	10.408	204.866	5224.134	203.406	5225.594
8/10/09	17:45:00	5820	11.711	10.405	204.865	5224.135	203.405	5225.595
8/10/09	17:50:00	5825	11.711	10.405	204.866	5224.134	203.406	5225.594
8/10/09	17:55:00	5830	11.708	10.406	204.874	5224.126	203.414	5225.586
8/10/09	18:00:00	5835	11.708	10.408	204.873	5224.127	203.413	5225.587
8/10/09	18:05:00	5840	11.706	10.409	204.878	5224.122	203.418	5225.582
8/10/09	18:10:00	5845	11.703	10.409	204.884	5224.116	203.424	5225.576
8/10/09	18:15:00	5850	11.702	10.411	204.887	5224.113	203.427	5225.573
8/10/09	18:20:00	5855	11.705	10.411	204.881	5224.119	203.421	5225.579
8/10/09	18:25:00	5860	11.699	10.413	204.894	5224.106	203.434	5225.566
8/10/09	18:30:00	5865	11.699	10.407	204.895	5224.105	203.435	5225.565
8/10/09	18:35:00	5870	11.695	10.411	204.904	5224.096	203.444	5225.556
8/10/09	18:40:00	5875	11.696	10.415	204.902	5224.098	203.442	5225.558
8/10/09	18:45:00	5880	11.694	10.415	204.904	5224.096	203.444	5225.556
8/10/09	18:50:00	5885	11.692	10.415	204.909	5224.091	203.449	5225.551
8/10/09	18:55:00	5890	11.691	10.414	204.911	5224.089	203.451	5225.549
8/10/09	19:00:00	5895	11.691	10.418	204.913	5224.087	203.453	5225.547
8/10/09	19:05:00	5900	11.689	10.413	204.917	5224.083	203.457	5225.543
8/10/09	19:10:00	5905	11.689	10.419	204.917	5224.083	203.457	5225.543
8/10/09	19:15:00	5910	11.689	10.415	204.916	5224.084	203.456	5225.544
8/10/09	19:20:00	5915	11.691	10.414	204.913	5224.087	203.453	5225.547
8/10/09	19:25:00	5920	11.690	10.417	204.915	5224.085	203.455	5225.545
8/10/09	19:30:00	5925	11.691	10.414	204.912	5224.088	203.452	5225.548
8/10/09	19:35:00	5930	11.692	10.412	204.910	5224.090	203.450	5225.550
8/10/09	19:40:00	5935	11.695	10.416	204.904	5224.096	203.444	5225.556
8/10/09	19:45:00	5940	11.694	10.412	204.905	5224.095	203.445	5225.555
8/10/09	19:50:00	5945	11.698	10.413	204.897	5224.103	203.437	5225.563
8/10/09	19:55:00	5950	11.697	10.415	204.899	5224.101	203.439	5225.561
8/10/09	20:00:00	5955	11.697	10.418	204.898	5224.102	203.438	5225.562
8/10/09	20:05:00	5960	11.701	10.413	204.890	5224.110	203.430	5225.570
8/10/09	20:10:00	5965	11.707	10.413	204.876	5224.124	203.416	5225.584
8/10/09	20:15:00	5970	11.706	10.417	204.877	5224.123	203.417	5225.583
8/10/09	20:20:00	5975	11.710	10.417	204.868	5224.132	203.408	5225.592

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/10/09	20:25:00	5980	11.712	10.418	204.864	5224.136	203.404	5225.596
8/10/09	20:30:00	5985	11.713	10.413	204.861	5224.139	203.401	5225.599
8/10/09	20:35:00	5990	11.713	10.416	204.860	5224.140	203.400	5225.600
8/10/09	20:40:00	5995	11.719	10.413	204.848	5224.152	203.388	5225.612
8/10/09	20:45:00	6000	11.717	10.410	204.852	5224.148	203.392	5225.608
8/10/09	20:50:00	6005	11.716	10.410	204.854	5224.146	203.394	5225.606
8/10/09	20:55:00	6010	11.720	10.413	204.845	5224.155	203.385	5225.615
8/10/09	21:00:00	6015	11.718	10.413	204.850	5224.150	203.390	5225.610
8/10/09	21:05:00	6020	11.720	10.417	204.845	5224.155	203.385	5225.615
8/10/09	21:10:00	6025	11.720	10.415	204.846	5224.154	203.386	5225.614
8/10/09	21:15:00	6030	11.719	10.413	204.848	5224.152	203.388	5225.612
8/10/09	21:20:00	6035	11.720	10.415	204.846	5224.154	203.386	5225.614
8/10/09	21:25:00	6040	11.718	10.415	204.850	5224.150	203.390	5225.610
8/10/09	21:30:00	6045	11.719	10.414	204.847	5224.153	203.387	5225.613
8/10/09	21:35:00	6050	11.713	10.415	204.862	5224.138	203.402	5225.598
8/10/09	21:40:00	6055	11.711	10.417	204.866	5224.134	203.406	5225.594
8/10/09	21:45:00	6060	11.706	10.418	204.877	5224.123	203.417	5225.583
8/10/09	21:50:00	6065	11.704	10.417	204.882	5224.118	203.422	5225.578
8/10/09	21:55:00	6070	11.701	10.417	204.889	5224.111	203.429	5225.571
8/10/09	22:00:00	6075	11.699	10.415	204.893	5224.107	203.433	5225.567
8/10/09	22:05:00	6080	11.698	10.419	204.897	5224.103	203.437	5225.563
8/10/09	22:10:00	6085	11.695	10.418	204.903	5224.097	203.443	5225.557
8/10/09	22:15:00	6090	11.693	10.417	204.908	5224.092	203.448	5225.552
8/10/09	22:20:00	6095	11.692	10.415	204.910	5224.090	203.450	5225.550
8/10/09	22:25:00	6100	11.689	10.412	204.916	5224.084	203.456	5225.544
8/10/09	22:30:00	6105	11.686	10.408	204.923	5224.077	203.463	5225.537
8/10/09	22:35:00	6110	11.685	10.407	204.927	5224.073	203.467	5225.533
8/10/09	22:40:00	6115	11.681	10.412	204.934	5224.066	203.474	5225.526
8/10/09	22:45:00	6120	11.677	10.408	204.944	5224.056	203.484	5225.516
8/10/09	22:50:00	6125	11.675	10.409	204.949	5224.051	203.489	5225.511
8/10/09	22:55:00	6130	11.672	10.413	204.956	5224.044	203.496	5225.504
8/10/09	23:00:00	6135	11.667	10.414	204.967	5224.033	203.507	5225.493
8/10/09	23:05:00	6140	11.665	10.413	204.971	5224.029	203.511	5225.489
8/10/09	23:10:00	6145	11.664	10.412	204.974	5224.026	203.514	5225.486
8/10/09	23:15:00	6150	11.659	10.409	204.986	5224.014	203.526	5225.474
8/10/09	23:20:00	6155	11.655	10.410	204.996	5224.004	203.536	5225.464
8/10/09	23:25:00	6160	11.653	10.412	205.000	5224.000	203.540	5225.460
8/10/09	23:30:00	6165	11.649	10.413	205.008	5223.992	203.548	5225.452
8/10/09	23:35:00	6170	11.646	10.414	205.017	5223.983	203.557	5225.443
8/10/09	23:40:00	6175	11.643	10.417	205.024	5223.976	203.564	5225.436
8/10/09	23:45:00	6180	11.642	10.414	205.026	5223.974	203.566	5225.434
8/10/09	23:50:00	6185	11.638	10.417	205.036	5223.964	203.576	5225.424
8/10/09	23:55:00	6190	11.636	10.413	205.040	5223.960	203.580	5225.420
8/11/09	0:00:00	6195	11.632	10.410	205.048	5223.952	203.588	5225.412
8/11/09	0:05:00	6200	11.631	10.411	205.051	5223.949	203.591	5225.409
8/11/09	0:10:00	6205	11.626	10.413	205.063	5223.937	203.603	5225.397
8/11/09	0:15:00	6210	11.624	10.411	205.066	5223.934	203.606	5225.394
8/11/09	0:20:00	6215	11.623	10.415	205.070	5223.930	203.610	5225.390
8/11/09	0:25:00	6220	11.619	10.423	205.078	5223.922	203.618	5225.382
8/11/09	0:30:00	6225	11.617	10.421	205.083	5223.917	203.623	5225.377
8/11/09	0:35:00	6230	11.613	10.418	205.092	5223.908	203.632	5225.368
8/11/09	0:40:00	6235	11.612	10.417	205.095	5223.905	203.635	5225.365

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/11/09	0:45:00	6240	11.609	10.413	205.101	5223.899	203.641	5225.359
8/11/09	0:50:00	6245	11.602	10.416	205.117	5223.883	203.657	5225.343
8/11/09	0:55:00	6250	11.601	10.413	205.120	5223.880	203.660	5225.340
8/11/09	1:00:00	6255	11.597	10.409	205.129	5223.871	203.669	5225.331
8/11/09	1:05:00	6260	11.594	10.406	205.135	5223.865	203.675	5225.325
8/11/09	1:10:00	6265	11.592	10.407	205.141	5223.859	203.681	5225.319
8/11/09	1:15:00	6270	11.589	10.412	205.147	5223.853	203.687	5225.313
8/11/09	1:20:00	6275	11.586	10.408	205.154	5223.846	203.694	5225.306
8/11/09	1:25:00	6280	11.582	10.410	205.164	5223.836	203.704	5225.296
8/11/09	1:30:00	6285	11.578	10.412	205.172	5223.828	203.712	5225.288
8/11/09	1:35:00	6290	11.577	10.413	205.176	5223.824	203.716	5225.284
8/11/09	1:40:00	6295	11.572	10.416	205.188	5223.812	203.728	5225.272
8/11/09	1:45:00	6300	11.569	10.418	205.194	5223.806	203.734	5225.266
8/11/09	1:50:00	6305	11.567	10.415	205.199	5223.801	203.739	5225.261
8/11/09	1:55:00	6310	11.562	10.415	205.209	5223.791	203.749	5225.251
8/11/09	2:00:00	6315	11.559	10.418	205.218	5223.782	203.758	5225.242
8/11/09	2:05:00	6320	11.557	10.418	205.221	5223.779	203.761	5225.239
8/11/09	2:10:00	6325	11.552	10.421	205.233	5223.767	203.773	5225.227
8/11/09	2:15:00	6330	11.554	10.422	205.230	5223.770	203.770	5225.230
8/11/09	2:20:00	6335	11.548	10.417	205.242	5223.758	203.782	5225.218
8/11/09	2:25:00	6340	11.546	10.418	205.248	5223.752	203.788	5225.212
8/11/09	2:30:00	6345	11.543	10.419	205.255	5223.745	203.795	5225.205
8/11/09	2:35:00	6350	11.538	10.419	205.265	5223.735	203.805	5225.195
8/11/09	2:40:00	6355	11.537	10.417	205.268	5223.732	203.808	5225.192
8/11/09	2:45:00	6360	11.532	10.417	205.279	5223.721	203.819	5225.181
8/11/09	2:50:00	6365	11.534	10.420	205.276	5223.724	203.816	5225.184
8/11/09	2:55:00	6370	11.530	10.419	205.284	5223.716	203.824	5225.176
8/11/09	3:00:00	6375	11.528	10.417	205.288	5223.712	203.828	5225.172
8/11/09	3:05:00	6380	11.525	10.414	205.296	5223.704	203.836	5225.164
8/11/09	3:10:00	6385	11.521	10.411	205.305	5223.695	203.845	5225.155
8/11/09	3:15:00	6390	11.521	10.414	205.305	5223.695	203.845	5225.155
8/11/09	3:20:00	6395	11.520	10.421	205.306	5223.694	203.846	5225.154
8/11/09	3:25:00	6400	11.516	10.417	205.317	5223.683	203.857	5225.143
8/11/09	3:30:00	6405	11.516	10.418	205.316	5223.684	203.856	5225.144
8/11/09	3:35:00	6410	11.512	10.421	205.325	5223.675	203.865	5225.135
8/11/09	3:40:00	6415	11.508	10.420	205.335	5223.665	203.875	5225.125
8/11/09	3:45:00	6420	11.505	10.424	205.343	5223.657	203.883	5225.117
8/11/09	3:50:00	6425	11.503	10.420	205.346	5223.654	203.886	5225.114
8/11/09	3:55:00	6430	11.500	10.420	205.353	5223.647	203.893	5225.107
8/11/09	4:00:00	6435	11.494	10.418	205.367	5223.633	203.907	5225.093
8/11/09	4:05:00	6440	11.495	10.419	205.365	5223.635	203.905	5225.095
8/11/09	4:10:00	6445	11.488	10.415	205.381	5223.619	203.921	5225.079
8/11/09	4:15:00	6450	11.489	10.416	205.379	5223.621	203.919	5225.081
8/11/09	4:20:00	6455	11.484	10.413	205.391	5223.609	203.931	5225.069
8/11/09	4:25:00	6460	11.483	10.414	205.393	5223.607	203.933	5225.067
8/11/09	4:30:00	6465	11.481	10.418	205.397	5223.603	203.937	5225.063
8/11/09	4:35:00	6470	11.477	10.420	205.407	5223.593	203.947	5225.053
8/11/09	4:40:00	6475	11.474	10.417	205.413	5223.587	203.953	5225.047
8/11/09	4:45:00	6480	11.472	10.414	205.419	5223.581	203.959	5225.041
8/11/09	4:50:00	6485	11.469	10.409	205.426	5223.574	203.966	5225.034
8/11/09	4:55:00	6490	11.469	10.405	205.425	5223.575	203.965	5225.035
8/11/09	5:00:00	6495	11.464	10.403	205.437	5223.563	203.977	5225.023

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/11/09	5:05:00	6500	11.463	10.412	205.439	5223.561	203.979	5225.021
8/11/09	5:10:00	6505	11.461	10.415	205.443	5223.557	203.983	5225.017
8/11/09	5:15:00	6510	11.459	10.415	205.448	5223.552	203.988	5225.012
8/11/09	5:20:00	6515	11.457	10.415	205.452	5223.548	203.992	5225.008
8/11/09	5:25:00	6520	11.458	10.416	205.451	5223.549	203.991	5225.009
8/11/09	5:30:00	6525	11.452	10.419	205.465	5223.535	204.005	5224.995
8/11/09	5:35:00	6530	11.450	10.418	205.468	5223.532	204.008	5224.992
8/11/09	5:40:00	6535	11.448	10.419	205.474	5223.526	204.014	5224.986
8/11/09	5:45:00	6540	11.444	10.416	205.483	5223.517	204.023	5224.977
8/11/09	5:50:00	6545	11.443	10.413	205.484	5223.516	204.024	5224.976
8/11/09	5:55:00	6550	11.440	10.411	205.491	5223.509	204.031	5224.969
8/11/09	6:00:00	6555	11.439	10.413	205.494	5223.506	204.034	5224.966
8/11/09	6:05:00	6560	11.435	10.418	205.503	5223.497	204.043	5224.957
8/11/09	6:10:00	6565	11.433	10.419	205.507	5223.493	204.047	5224.953
8/11/09	6:15:00	6570	11.427	10.419	205.523	5223.477	204.063	5224.937
8/11/09	6:20:00	6575	11.428	10.422	205.520	5223.480	204.060	5224.940
8/11/09	6:25:00	6580	11.425	10.420	205.526	5223.474	204.066	5224.934
8/11/09	6:30:00	6585	11.424	10.416	205.529	5223.471	204.069	5224.931
8/11/09	6:35:00	6590	11.422	10.418	205.534	5223.466	204.074	5224.926
8/11/09	6:40:00	6595	11.417	10.413	205.545	5223.455	204.085	5224.915
8/11/09	6:45:00	6600	11.416	10.413	205.548	5223.452	204.088	5224.912
8/11/09	6:50:00	6605	11.413	10.415	205.554	5223.446	204.094	5224.906
8/11/09	6:55:00	6610	11.405	10.415	205.572	5223.428	204.112	5224.888
8/11/09	7:00:00	6615	11.402	10.412	205.579	5223.421	204.119	5224.881
8/11/09	7:05:00	6620	11.396	10.414	205.593	5223.407	204.133	5224.867
8/11/09	7:10:00	6625	11.394	10.415	205.598	5223.402	204.138	5224.862
8/11/09	7:15:00	6630	11.390	10.414	205.607	5223.393	204.147	5224.853
8/11/09	7:20:00	6635	11.385	10.414	205.620	5223.380	204.160	5224.840
8/11/09	7:25:00	6640	11.379	10.413	205.632	5223.368	204.172	5224.828
8/11/09	7:30:00	6645	11.377	10.412	205.636	5223.364	204.176	5224.824
8/11/09	7:35:00	6650	11.373	10.411	205.647	5223.353	204.187	5224.813
8/11/09	7:40:00	6655	11.371	10.414	205.652	5223.348	204.192	5224.808
8/11/09	7:45:00	6660	11.362	10.415	205.671	5223.329	204.211	5224.789
8/11/09	7:50:00	6665	11.358	10.413	205.681	5223.319	204.221	5224.779
8/11/09	7:55:00	6670	11.357	10.416	205.684	5223.316	204.224	5224.776
8/11/09	8:00:00	6675	11.352	10.420	205.695	5223.305	204.235	5224.765
8/11/09	8:05:00	6680	11.350	10.417	205.699	5223.301	204.239	5224.761
8/11/09	8:10:00	6685	11.345	10.415	205.710	5223.290	204.250	5224.750
8/11/09	8:15:00	6690	11.343	10.414	205.717	5223.283	204.257	5224.743
8/11/09	8:20:00	6695	11.341	10.413	205.720	5223.280	204.260	5224.740
8/11/09	8:25:00	6700	11.338	10.421	205.727	5223.273	204.267	5224.733
8/11/09	8:30:00	6705	11.335	10.418	205.735	5223.265	204.275	5224.725
8/11/09	8:35:00	6710	11.329	10.415	205.748	5223.252	204.288	5224.712
8/11/09	8:40:00	6715	11.328	10.416	205.751	5223.249	204.291	5224.709
8/11/09	8:45:00	6720	11.325	10.417	205.757	5223.244	204.297	5224.704
8/11/09	8:50:00	6725	11.321	10.411	205.767	5223.233	204.307	5224.693
8/11/09	8:55:00	6730	11.317	10.419	205.776	5223.224	204.316	5224.684
8/11/09	9:00:00	6735	11.311	10.418	205.789	5223.211	204.329	5224.671
8/11/09	9:05:00	6740	11.310	10.418	205.793	5223.207	204.333	5224.667
8/11/09	9:10:00	6745	11.300	10.414	205.815	5223.185	204.355	5224.645
8/11/09	9:15:00	6750	11.293	10.417	205.832	5223.168	204.372	5224.628
8/11/09	9:20:00	6755	11.290	10.414	205.839	5223.161	204.379	5224.621

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/11/09	9:25:00	6760	11.283	10.416	205.854	5223.146	204.394	5224.606
8/11/09	9:30:00	6765	11.280	10.413	205.861	5223.139	204.401	5224.599
8/11/09	9:35:00	6770	11.274	10.410	205.875	5223.125	204.415	5224.585
8/11/09	9:40:00	6775	11.267	10.413	205.890	5223.110	204.430	5224.570
8/11/09	9:45:00	6780	11.261	10.413	205.904	5223.096	204.444	5224.556
8/11/09	9:50:00	6785	11.262	10.413	205.903	5223.097	204.443	5224.557
8/11/09	9:55:00	6790	11.260	10.414	205.908	5223.092	204.448	5224.552
8/11/09	10:00:00	6795	11.250	10.416	205.930	5223.070	204.470	5224.530
8/11/09	10:05:00	6800	11.253	10.417	205.924	5223.076	204.464	5224.536
8/11/09	10:10:00	6805	11.240	10.419	205.953	5223.047	204.493	5224.507
8/11/09	10:15:00	6810	11.233	10.417	205.969	5223.031	204.509	5224.491
8/11/09	10:20:00	6815	11.230	10.423	205.978	5223.022	204.518	5224.482
8/11/09	10:25:00	6820	11.226	10.421	205.985	5223.015	204.525	5224.475
8/11/09	10:30:00	6825	11.220	10.415	206.000	5223.000	204.540	5224.460
8/11/09	10:35:00	6830	11.214	10.421	206.014	5222.986	204.554	5224.446
8/11/09	10:40:00	6835	11.211	10.422	206.021	5222.979	204.561	5224.439
8/11/09	10:45:00	6840	11.206	10.419	206.033	5222.967	204.573	5224.427
8/11/09	10:50:00	6845	11.202	10.417	206.040	5222.960	204.580	5224.420
8/11/09	10:55:00	6850	11.202	10.416	206.041	5222.959	204.581	5224.419
8/11/09	11:00:00	6855	11.199	10.411	206.049	5222.951	204.589	5224.411
8/11/09	11:05:00	6860	11.197	10.409	206.053	5222.947	204.593	5224.407
8/11/09	11:10:00	6865	11.199	10.410	206.049	5222.951	204.589	5224.411
8/11/09	11:15:00	6870	11.199	10.413	206.049	5222.951	204.589	5224.411
8/11/09	11:20:00	6875	11.196	10.413	206.056	5222.944	204.596	5224.404
8/11/09	11:25:00	6880	11.196	10.413	206.056	5222.944	204.596	5224.404
8/11/09	11:30:00	6885	11.193	10.412	206.061	5222.939	204.601	5224.399
8/11/09	11:35:00	6890	11.193	10.420	206.063	5222.937	204.603	5224.397
8/11/09	11:40:00	6895	11.190	10.421	206.068	5222.932	204.608	5224.392
8/11/09	11:45:00	6900	11.190	10.413	206.070	5222.930	204.610	5224.390
8/11/09	11:50:00	6905	11.189	10.416	206.071	5222.929	204.611	5224.389
8/11/09	11:55:00	6910	11.186	10.415	206.078	5222.922	204.618	5224.382
8/11/09	12:00:00	6915	11.187	10.409	206.076	5222.924	204.616	5224.384
8/11/09	12:05:00	6920	11.187	10.410	206.077	5222.923	204.617	5224.383
8/11/09	12:10:00	6925	11.159	10.409	206.140	5222.860	204.680	5224.320
8/11/09	12:15:00	6930	11.160	10.413	206.139	5222.861	204.679	5224.321
8/11/09	12:20:00	6935	11.155	10.415	206.150	5222.850	204.690	5224.310
8/11/09	12:25:00	6940	11.153	10.418	206.154	5222.846	204.694	5224.306
8/11/09	12:30:00	6945	11.152	10.415	206.157	5222.843	204.697	5224.303
8/11/09	12:35:00	6950	11.148	10.411	206.166	5222.834	204.706	5224.294
8/11/09	12:40:00	6955	11.149	10.407	206.164	5222.836	204.704	5224.296
8/11/09	12:45:00	6960	11.149	10.409	206.163	5222.837	204.703	5224.297
8/11/09	12:50:00	6965	11.148	10.412	206.167	5222.833	204.707	5224.293
8/11/09	12:55:00	6970	11.144	10.411	206.175	5222.825	204.715	5224.285
8/11/09	13:00:00	6975	11.139	10.410	206.187	5222.813	204.727	5224.273
8/11/09	13:05:00	6980	11.138	10.414	206.189	5222.811	204.729	5224.271
8/11/09	13:10:00	6985	11.133	10.413	206.201	5222.799	204.741	5224.259
8/11/09	13:15:00	6990	11.132	10.413	206.202	5222.798	204.742	5224.258
8/11/09	13:20:00	6995	11.131	10.411	206.206	5222.794	204.746	5224.254
8/11/09	13:25:00	7000	11.126	10.415	206.217	5222.783	204.757	5224.243
8/11/09	13:30:00	7005	11.096	10.412	206.287	5222.713	204.827	5224.173
8/11/09	13:35:00	7010	11.118	10.416	206.236	5222.764	204.776	5224.224
8/11/09	13:40:00	7015	11.123	10.417	206.225	5222.775	204.765	5224.235

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/11/09	13:45:00	7020	11.124	10.418	206.221	5222.779	204.761	5224.239
8/11/09	13:50:00	7025	11.125	10.415	206.219	5222.781	204.759	5224.241
8/11/09	13:55:00	7030	11.124	10.416	206.221	5222.779	204.761	5224.239
8/11/09	14:00:00	7035	11.122	10.415	206.225	5222.775	204.765	5224.235
8/11/09	14:05:00	7040	11.122	10.407	206.225	5222.775	204.765	5224.235
8/11/09	14:10:00	7045	11.119	10.409	206.232	5222.768	204.772	5224.228
8/11/09	14:15:00	7050	11.119	10.408	206.234	5222.766	204.774	5224.226
8/11/09	14:20:00	7055	11.116	10.410	206.240	5222.760	204.780	5224.220
8/11/09	14:25:00	7060	11.108	10.413	206.257	5222.743	204.797	5224.203
8/11/09	14:30:00	7065	11.114	10.413	206.245	5222.755	204.785	5224.215
8/11/09	14:35:00	7070	11.113	10.414	206.246	5222.754	204.786	5224.214
8/11/09	14:40:00	7075	11.112	10.412	206.249	5222.751	204.789	5224.211
8/11/09	14:45:00	7080	11.111	10.413	206.252	5222.748	204.792	5224.208
8/11/09	14:50:00	7085	11.109	10.419	206.255	5222.745	204.795	5224.205
8/11/09	14:55:00	7090	11.109	10.421	206.255	5222.745	204.795	5224.205
8/11/09	15:00:00	7095	11.109	10.417	206.256	5222.744	204.796	5224.204
8/11/09	15:05:00	7100	11.108	10.419	206.257	5222.743	204.797	5224.203
8/11/09	15:10:00	7105	11.105	10.419	206.265	5222.735	204.805	5224.195
8/11/09	15:15:00	7110	11.103	10.420	206.270	5222.730	204.810	5224.190
8/11/09	15:20:00	7115	11.104	10.418	206.268	5222.732	204.808	5224.192
8/11/09	15:25:00	7120	11.098	10.417	206.281	5222.719	204.821	5224.179
8/11/09	15:30:00	7125	11.099	10.415	206.280	5222.720	204.820	5224.180
8/11/09	15:35:00	7130	11.096	10.413	206.287	5222.713	204.827	5224.173
8/11/09	15:40:00	7135	11.098	10.413	206.283	5222.717	204.823	5224.177
8/11/09	15:45:00	7140	11.096	10.415	206.285	5222.715	204.825	5224.175
8/11/09	15:50:00	7145	11.092	10.414	206.295	5222.705	204.835	5224.165
8/11/09	15:55:00	7150	11.090	10.415	206.300	5222.700	204.840	5224.160
8/11/09	16:00:00	7155	11.089	10.415	206.302	5222.698	204.842	5224.158
8/11/09	16:05:00	7160	11.089	10.415	206.303	5222.697	204.843	5224.157
8/11/09	16:10:00	7165	11.089	10.417	206.301	5222.699	204.841	5224.159
8/11/09	16:15:00	7170	11.088	10.416	206.305	5222.695	204.845	5224.155
8/11/09	16:20:00	7175	11.084	10.416	206.314	5222.686	204.854	5224.146
8/11/09	16:25:00	7180	11.080	10.416	206.322	5222.678	204.862	5224.138
8/11/09	16:30:00	7185	11.081	10.420	206.321	5222.679	204.861	5224.139
8/11/09	16:35:00	7190	11.078	10.423	206.329	5222.671	204.869	5224.131
8/11/09	16:40:00	7195	11.074	10.424	206.337	5222.663	204.877	5224.123
8/11/09	16:45:00	7200	11.074	10.425	206.337	5222.663	204.877	5224.123
8/11/09	16:50:00	7205	11.072	10.420	206.341	5222.659	204.881	5224.119
8/11/09	16:55:00	7210	11.072	10.421	206.342	5222.658	204.882	5224.118
8/11/09	17:00:00	7215	11.070	10.414	206.346	5222.654	204.886	5224.114
8/11/09	17:05:00	7220	11.070	10.415	206.347	5222.653	204.887	5224.113
8/11/09	17:10:00	7225	11.069	10.418	206.347	5222.653	204.887	5224.113
8/11/09	17:15:00	7230	11.067	10.414	206.354	5222.646	204.894	5224.106
8/11/09	17:20:00	7235	11.067	10.416	206.353	5222.647	204.893	5224.107
8/11/09	17:25:00	7240	11.068	10.414	206.351	5222.649	204.891	5224.109
8/11/09	17:30:00	7245	11.067	10.412	206.353	5222.647	204.893	5224.107
8/11/09	17:35:00	7250	11.064	10.412	206.361	5222.639	204.901	5224.099
8/11/09	17:40:00	7255	11.064	10.412	206.360	5222.640	204.900	5224.100
8/11/09	17:45:00	7260	11.064	10.413	206.360	5222.640	204.900	5224.100
8/11/09	17:50:00	7265	11.063	10.412	206.363	5222.637	204.903	5224.097
8/11/09	17:55:00	7270	11.058	10.415	206.374	5222.626	204.914	5224.086
8/11/09	18:00:00	7275	11.060	10.416	206.369	5222.631	204.909	5224.091

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/11/09	18:05:00	7280	11.063	10.414	206.363	5222.637	204.903	5224.097
8/11/09	18:10:00	7285	11.062	10.418	206.365	5222.635	204.905	5224.095
8/11/09	18:15:00	7290	11.065	10.421	206.359	5222.641	204.899	5224.101
8/11/09	18:20:00	7295	11.059	10.423	206.371	5222.629	204.911	5224.089
8/11/09	18:25:00	7300	11.062	10.418	206.364	5222.636	204.904	5224.096
8/11/09	18:30:00	7305	11.057	10.413	206.375	5222.625	204.915	5224.085
8/11/09	18:35:00	7310	11.060	10.411	206.370	5222.630	204.910	5224.090
8/11/09	18:40:00	7315	11.059	10.412	206.371	5222.629	204.911	5224.089
8/11/09	18:45:00	7320	11.055	10.413	206.381	5222.619	204.921	5224.079
8/11/09	18:50:00	7325	11.057	10.417	206.377	5222.623	204.917	5224.083
8/11/09	18:55:00	7330	11.055	10.414	206.382	5222.619	204.922	5224.079
8/11/09	19:00:00	7335	11.056	10.410	206.379	5222.621	204.919	5224.081
8/11/09	19:05:00	7340	11.053	10.409	206.386	5222.614	204.926	5224.074
8/11/09	19:10:00	7345	11.053	10.414	206.385	5222.615	204.925	5224.075
8/11/09	19:15:00	7350	11.048	10.413	206.397	5222.603	204.937	5224.063
8/11/09	19:20:00	7355	11.053	10.414	206.384	5222.616	204.924	5224.076
8/11/09	19:25:00	7360	11.056	10.414	206.379	5222.621	204.919	5224.081
8/11/09	19:30:00	7365	11.054	10.413	206.382	5222.618	204.922	5224.078
8/11/09	19:35:00	7370	11.053	10.411	206.386	5222.614	204.926	5224.074
8/11/09	19:40:00	7375	11.060	10.413	206.370	5222.630	204.910	5224.090
8/11/09	19:45:00	7380	11.059	10.413	206.372	5222.628	204.912	5224.088
8/11/09	19:50:00	7385	11.060	10.411	206.369	5222.631	204.909	5224.091
8/11/09	19:55:00	7390	11.063	10.407	206.363	5222.637	204.903	5224.097
8/11/09	20:00:00	7395	11.063	10.410	206.362	5222.638	204.902	5224.098
8/11/09	20:05:00	7400	11.064	10.414	206.359	5222.641	204.899	5224.101
8/11/09	20:10:00	7405	11.067	10.413	206.353	5222.647	204.893	5224.107
8/11/09	20:15:00	7410	11.069	10.412	206.347	5222.653	204.887	5224.113
8/11/09	20:20:00	7415	11.070	10.417	206.345	5222.655	204.885	5224.115
8/11/09	20:25:00	7420	11.075	10.414	206.335	5222.665	204.875	5224.125
8/11/09	20:30:00	7425	11.077	10.411	206.329	5222.671	204.869	5224.131
8/11/09	20:35:00	7430	11.077	10.414	206.330	5222.670	204.870	5224.130
8/11/09	20:40:00	7435	11.076	10.414	206.333	5222.667	204.873	5224.127
8/11/09	20:45:00	7440	11.076	10.413	206.333	5222.667	204.873	5224.127
8/11/09	20:50:00	7445	11.082	10.413	206.319	5222.681	204.859	5224.141
8/11/09	20:55:00	7450	11.083	10.410	206.316	5222.684	204.856	5224.144
8/11/09	21:00:00	7455	11.080	10.410	206.322	5222.678	204.862	5224.138
8/11/09	21:05:00	7460	11.078	10.413	206.327	5222.673	204.867	5224.133
8/11/09	21:10:00	7465	11.078	10.413	206.328	5222.672	204.868	5224.132
8/11/09	21:15:00	7470	11.078	10.415	206.328	5222.672	204.868	5224.132
8/11/09	21:20:00	7475	11.076	10.413	206.331	5222.669	204.871	5224.129
8/11/09	21:25:00	7480	11.076	10.413	206.332	5222.668	204.872	5224.128
8/11/09	21:30:00	7485	11.072	10.411	206.342	5222.658	204.882	5224.118
8/11/09	21:35:00	7490	11.070	10.415	206.345	5222.655	204.885	5224.115
8/11/09	21:40:00	7495	11.070	10.418	206.347	5222.653	204.887	5224.113
8/11/09	21:45:00	7500	11.069	10.410	206.348	5222.652	204.888	5224.112
8/11/09	21:50:00	7505	11.070	10.412	206.345	5222.655	204.885	5224.115
8/11/09	21:55:00	7510	11.066	10.412	206.356	5222.644	204.896	5224.104
8/11/09	22:00:00	7515	11.061	10.409	206.368	5222.632	204.908	5224.092
8/11/09	22:05:00	7520	11.058	10.410	206.375	5222.625	204.915	5224.085
8/11/09	22:10:00	7525	11.055	10.413	206.380	5222.620	204.920	5224.080
8/11/09	22:15:00	7530	11.052	10.415	206.388	5222.612	204.928	5224.072
8/11/09	22:20:00	7535	11.050	10.414	206.393	5222.607	204.933	5224.067

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/11/09	22:25:00	7540	11.049	10.421	206.395	5222.605	204.935	5224.065
8/11/09	22:30:00	7545	11.045	10.421	206.403	5222.597	204.943	5224.057
8/11/09	22:35:00	7550	11.041	10.423	206.413	5222.587	204.953	5224.047
8/11/09	22:40:00	7555	11.040	10.419	206.416	5222.584	204.956	5224.044
8/11/09	22:45:00	7560	11.039	10.421	206.419	5222.581	204.959	5224.041
8/11/09	22:50:00	7565	11.033	10.417	206.432	5222.568	204.972	5224.028
8/11/09	22:55:00	7570	11.030	10.422	206.438	5222.562	204.978	5224.022
8/11/09	23:00:00	7575	11.027	10.421	206.446	5222.554	204.986	5224.014
8/11/09	23:05:00	7580	11.025	10.418	206.451	5222.549	204.991	5224.009
8/11/09	23:10:00	7585	11.024	10.420	206.453	5222.547	204.993	5224.007
8/11/09	23:15:00	7590	11.020	10.419	206.461	5222.539	205.001	5223.999
8/11/09	23:20:00	7595	11.019	10.418	206.465	5222.535	205.005	5223.995
8/11/09	23:25:00	7600	11.014	10.412	206.475	5222.525	205.015	5223.985
8/11/09	23:30:00	7605	11.014	10.416	206.476	5222.524	205.016	5223.984
8/11/09	23:35:00	7610	11.009	10.413	206.488	5222.512	205.028	5223.972
8/11/09	23:40:00	7615	11.007	10.413	206.491	5222.509	205.031	5223.969
8/11/09	23:45:00	7620	11.003	10.417	206.501	5222.499	205.041	5223.959
8/11/09	23:50:00	7625	10.999	10.417	206.509	5222.491	205.049	5223.951
8/11/09	23:55:00	7630	10.997	10.417	206.515	5222.485	205.055	5223.945
8/12/09	0:00:00	7635	10.994	10.417	206.522	5222.478	205.062	5223.938
8/12/09	0:05:00	7640	10.992	10.418	206.527	5222.473	205.067	5223.933
8/12/09	0:10:00	7645	10.987	10.416	206.539	5222.461	205.079	5223.921
8/12/09	0:15:00	7650	10.984	10.418	206.545	5222.455	205.085	5223.915
8/12/09	0:20:00	7655	10.980	10.416	206.553	5222.447	205.093	5223.907
8/12/09	0:25:00	7660	10.980	10.413	206.553	5222.447	205.093	5223.907
8/12/09	0:30:00	7665	10.977	10.415	206.562	5222.438	205.102	5223.898
8/12/09	0:35:00	7670	10.973	10.413	206.569	5222.431	205.109	5223.891
8/12/09	0:40:00	7675	10.970	10.418	206.578	5222.422	205.118	5223.882
8/12/09	0:45:00	7680	10.968	10.418	206.582	5222.418	205.122	5223.878
8/12/09	0:50:00	7685	10.965	10.418	206.588	5222.412	205.128	5223.872
8/12/09	0:55:00	7690	10.963	10.420	206.594	5222.406	205.134	5223.866
8/12/09	1:00:00	7695	10.961	10.415	206.598	5222.402	205.138	5223.862
8/12/09	1:05:00	7700	10.957	10.413	206.607	5222.393	205.147	5223.853
8/12/09	1:10:00	7705	10.956	10.414	206.610	5222.390	205.150	5223.850
8/12/09	1:15:00	7710	10.951	10.417	206.621	5222.379	205.161	5223.839
8/12/09	1:20:00	7715	10.948	10.414	206.627	5222.373	205.167	5223.833
8/12/09	1:25:00	7720	10.945	10.417	206.636	5222.364	205.176	5223.824
8/12/09	1:30:00	7725	10.940	10.413	206.645	5222.355	205.185	5223.815
8/12/09	1:35:00	7730	10.937	10.410	206.654	5222.346	205.194	5223.806
8/12/09	1:40:00	7735	10.935	10.408	206.658	5222.342	205.198	5223.802
8/12/09	1:45:00	7740	10.930	10.413	206.668	5222.332	205.208	5223.792
8/12/09	1:50:00	7745	10.928	10.415	206.673	5222.327	205.213	5223.787
8/12/09	1:55:00	7750	10.924	10.417	206.683	5222.317	205.223	5223.777
8/12/09	2:00:00	7755	10.923	10.412	206.685	5222.315	205.225	5223.775
8/12/09	2:05:00	7760	10.917	10.415	206.699	5222.301	205.239	5223.761
8/12/09	2:10:00	7765	10.918	10.417	206.696	5222.304	205.236	5223.764
8/12/09	2:15:00	7770	10.912	10.412	206.710	5222.290	205.250	5223.750
8/12/09	2:20:00	7775	10.911	10.415	206.712	5222.288	205.252	5223.748
8/12/09	2:25:00	7780	10.907	10.412	206.722	5222.278	205.262	5223.738
8/12/09	2:30:00	7785	10.902	10.412	206.734	5222.266	205.274	5223.726
8/12/09	2:35:00	7790	10.902	10.413	206.733	5222.267	205.273	5223.727
8/12/09	2:40:00	7795	10.898	10.415	206.743	5222.257	205.283	5223.717

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/12/09	2:45:00	7800	10.895	10.416	206.750	5222.250	205.290	5223.710
8/12/09	2:50:00	7805	10.891	10.417	206.759	5222.241	205.299	5223.701
8/12/09	2:55:00	7810	10.888	10.414	206.766	5222.234	205.306	5223.694
8/12/09	3:00:00	7815	10.887	10.414	206.768	5222.232	205.308	5223.692
8/12/09	3:05:00	7820	10.884	10.412	206.775	5222.225	205.315	5223.685
8/12/09	3:10:00	7825	10.881	10.407	206.782	5222.218	205.322	5223.678
8/12/09	3:15:00	7830	10.878	10.409	206.790	5222.210	205.330	5223.670
8/12/09	3:20:00	7835	10.875	10.410	206.797	5222.203	205.337	5223.663
8/12/09	3:25:00	7840	10.871	10.413	206.805	5222.195	205.345	5223.655
8/12/09	3:30:00	7845	10.871	10.414	206.806	5222.194	205.346	5223.654
8/12/09	3:35:00	7850	10.867	10.420	206.815	5222.185	205.355	5223.645
8/12/09	3:40:00	7855	10.866	10.422	206.817	5222.183	205.357	5223.643
8/12/09	3:45:00	7860	10.863	10.422	206.823	5222.177	205.363	5223.637
8/12/09	3:50:00	7865	10.861	10.420	206.828	5222.172	205.368	5223.632
8/12/09	3:55:00	7870	10.858	10.425	206.835	5222.165	205.375	5223.625
8/12/09	4:00:00	7875	10.852	10.421	206.849	5222.151	205.389	5223.611
8/12/09	4:05:00	7880	10.852	10.422	206.850	5222.150	205.390	5223.610
8/12/09	4:10:00	7885	10.851	10.421	206.852	5222.148	205.392	5223.608
8/12/09	4:15:00	7890	10.846	10.422	206.863	5222.137	205.403	5223.597
8/12/09	4:20:00	7895	10.843	10.417	206.869	5222.131	205.409	5223.591
8/12/09	4:25:00	7900	10.840	10.425	206.877	5222.123	205.417	5223.583
8/12/09	4:30:00	7905	10.838	10.424	206.883	5222.117	205.423	5223.577
8/12/09	4:35:00	7910	10.837	10.425	206.885	5222.115	205.425	5223.575
8/12/09	4:40:00	7915	10.833	10.421	206.893	5222.107	205.433	5223.567
8/12/09	4:45:00	7920	10.829	10.421	206.902	5222.098	205.442	5223.558
8/12/09	4:50:00	7925	10.829	10.425	206.902	5222.098	205.442	5223.558
8/12/09	4:55:00	7930	10.826	10.425	206.909	5222.091	205.449	5223.551
8/12/09	5:00:00	7935	10.821	10.424	206.922	5222.078	205.462	5223.538
8/12/09	5:05:00	7940	10.820	10.426	206.924	5222.076	205.464	5223.536
8/12/09	5:10:00	7945	10.820	10.428	206.923	5222.077	205.463	5223.537
8/12/09	5:15:00	7950	10.816	10.422	206.933	5222.067	205.473	5223.527
8/12/09	5:20:00	7955	10.813	10.422	206.940	5222.060	205.480	5223.520
8/12/09	5:25:00	7960	10.810	10.415	206.946	5222.054	205.486	5223.514
8/12/09	5:30:00	7965	10.809	10.418	206.948	5222.052	205.488	5223.512
8/12/09	5:35:00	7970	10.807	10.419	206.954	5222.046	205.494	5223.506
8/12/09	5:40:00	7975	10.802	10.422	206.964	5222.036	205.504	5223.496
8/12/09	5:45:00	7980	10.803	10.421	206.963	5222.037	205.503	5223.497
8/12/09	5:50:00	7985	10.799	10.416	206.971	5222.029	205.511	5223.489
8/12/09	5:55:00	7990	10.799	10.417	206.973	5222.027	205.513	5223.487
8/12/09	6:00:00	7995	10.796	10.422	206.978	5222.022	205.518	5223.482
8/12/09	6:05:00	8000	10.793	10.419	206.985	5222.015	205.525	5223.475
8/12/09	6:10:00	8005	10.794	10.420	206.984	5222.016	205.524	5223.476
8/12/09	6:15:00	8010	10.792	10.423	206.989	5222.011	205.529	5223.471
8/12/09	6:20:00	8015	10.791	10.422	206.991	5222.009	205.531	5223.469
8/12/09	6:25:00	8020	10.786	10.419	207.002	5221.998	205.542	5223.458
8/12/09	6:30:00	8025	10.783	10.416	207.009	5221.991	205.549	5223.451
8/12/09	6:35:00	8030	10.782	10.420	207.011	5221.989	205.551	5223.449
8/12/09	6:40:00	8035	10.780	10.414	207.016	5221.984	205.556	5223.444
8/12/09	6:45:00	8040	10.776	10.417	207.024	5221.976	205.564	5223.436
8/12/09	6:50:00	8045	10.774	10.421	207.030	5221.970	205.570	5223.430
8/12/09	6:55:00	8050	10.772	10.416	207.035	5221.965	205.575	5223.425
8/12/09	7:00:00	8055	10.770	10.416	207.039	5221.961	205.579	5223.421

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/12/09	7:05:00	8060	10.766	10.419	207.047	5221.953	205.587	5223.413
8/12/09	7:10:00	8065	10.764	10.417	207.053	5221.947	205.593	5223.407
8/12/09	7:15:00	8070	10.760	10.414	207.062	5221.938	205.602	5223.398
8/12/09	7:20:00	8075	10.759	10.416	207.065	5221.935	205.605	5223.395
8/12/09	7:25:00	8080	10.751	10.416	207.082	5221.918	205.622	5223.378
8/12/09	7:30:00	8085	10.748	10.415	207.090	5221.910	205.630	5223.370
8/12/09	7:35:00	8090	10.745	10.417	207.096	5221.904	205.636	5223.364
8/12/09	7:40:00	8095	10.741	10.420	207.106	5221.894	205.646	5223.354
8/12/09	7:45:00	8100	10.737	10.421	207.115	5221.885	205.655	5223.345
8/12/09	7:50:00	8105	10.734	10.419	207.123	5221.877	205.663	5223.337
8/12/09	7:55:00	8110	10.728	10.417	207.136	5221.864	205.676	5223.324
8/12/09	8:00:00	8115	10.724	10.419	207.144	5221.856	205.684	5223.316
8/12/09	8:05:00	8120	10.721	10.425	207.151	5221.849	205.691	5223.309
8/12/09	8:10:00	8125	10.719	10.421	207.157	5221.843	205.697	5223.303
8/12/09	8:15:00	8130	10.716	10.420	207.163	5221.837	205.703	5223.297
8/12/09	8:20:00	8135	10.712	10.418	207.173	5221.827	205.713	5223.287
8/12/09	8:25:00	8140	10.708	10.417	207.181	5221.819	205.721	5223.279
8/12/09	8:30:00	8145	10.703	10.418	207.194	5221.806	205.734	5223.266
8/12/09	8:35:00	8150	10.704	10.419	207.191	5221.809	205.731	5223.269
8/12/09	8:40:00	8155	10.699	10.417	207.203	5221.797	205.743	5223.257
8/12/09	8:45:00	8160	10.693	10.414	207.217	5221.783	205.757	5223.243
8/12/09	8:50:00	8165	10.689	10.416	207.225	5221.775	205.765	5223.235
8/12/09	8:55:00	8170	10.689	10.417	207.226	5221.774	205.766	5223.234
8/12/09	9:00:00	8175	10.684	10.416	207.237	5221.763	205.777	5223.223
8/12/09	9:05:00	8180	10.678	10.420	207.251	5221.749	205.791	5223.209
8/12/09	9:10:00	8185	10.674	10.422	207.260	5221.740	205.800	5223.200
8/12/09	9:15:00	8190	10.677	10.419	207.254	5221.746	205.794	5223.206
8/12/09	9:20:00	8195	10.670	10.419	207.269	5221.731	205.809	5223.191
8/12/09	9:25:00	8200	10.667	10.418	207.276	5221.724	205.816	5223.184
8/12/09	9:30:00	8205	10.664	10.418	207.284	5221.716	205.824	5223.176
8/12/09	9:35:00	8210	10.657	10.421	207.299	5221.701	205.839	5223.161
8/12/09	9:40:00	8215	10.657	10.419	207.299	5221.701	205.839	5223.161
8/12/09	9:45:00	8220	10.653	10.421	207.309	5221.691	205.849	5223.151
8/12/09	9:50:00	8225	10.648	10.424	207.320	5221.680	205.860	5223.140
8/12/09	9:55:00	8230	10.646	10.423	207.326	5221.674	205.866	5223.134
8/12/09	10:00:00	8235	10.641	10.422	207.337	5221.663	205.877	5223.123
8/12/09	10:05:00	8240	10.639	10.421	207.342	5221.658	205.882	5223.118
8/12/09	10:10:00	8245	10.636	10.420	207.348	5221.652	205.888	5223.112
8/12/09	10:15:00	8250	10.637	10.414	207.347	5221.653	205.887	5223.113
8/12/09	10:20:00	8255	10.629	10.410	207.365	5221.635	205.905	5223.095
8/12/09	10:25:00	8260	10.630	10.413	207.363	5221.637	205.903	5223.097
8/12/09	10:30:00	8265	10.627	10.415	207.368	5221.632	205.908	5223.092
8/12/09	10:35:00	8270	10.623	10.417	207.378	5221.622	205.918	5223.082
8/12/09	10:40:00	8275	10.615	10.415	207.397	5221.603	205.937	5223.063
8/12/09	10:45:00	8280	10.595	10.409	207.443	5221.557	205.983	5223.017
8/12/09	10:50:00	8285	10.588	10.405	207.460	5221.540	206.000	5223.000
8/12/09	10:55:00	8290	10.592	10.405	207.450	5221.550	205.990	5223.010
8/12/09	11:00:00	8295	10.590	10.406	207.455	5221.545	205.995	5223.005
8/12/09	11:05:00	8300	10.589	10.407	207.457	5221.543	205.997	5223.003
8/12/09	11:10:00	8305	10.582	10.413	207.474	5221.526	206.014	5222.986
8/12/09	11:15:00	8310	10.581	10.411	207.474	5221.526	206.014	5222.986
8/12/09	11:20:00	8315	10.570	10.410	207.500	5221.500	206.040	5222.960

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/12/09	11:25:00	8320	10.570	10.410	207.502	5221.498	206.042	5222.958
8/12/09	11:30:00	8325	10.566	10.410	207.510	5221.490	206.050	5222.950
8/12/09	11:35:00	8330	10.556	10.409	207.534	5221.466	206.074	5222.926
8/12/09	11:40:00	8335	10.555	10.408	207.535	5221.465	206.075	5222.925
8/12/09	11:45:00	8340	10.553	10.408	207.541	5221.459	206.081	5222.919
8/12/09	11:50:00	8345	10.552	10.413	207.542	5221.458	206.082	5222.918
8/12/09	11:55:00	8350	10.551	10.408	207.544	5221.456	206.084	5222.916
8/12/09	12:00:00	8355	10.550	10.409	207.546	5221.454	206.086	5222.914
8/12/09	12:05:00	8360	10.548	10.409	207.551	5221.449	206.091	5222.909
8/12/09	12:10:00	8365	10.547	10.413	207.554	5221.446	206.094	5222.906
8/12/09	12:15:00	8370	10.546	10.413	207.557	5221.443	206.097	5222.903
8/12/09	12:20:00	8375	10.542	10.413	207.565	5221.435	206.105	5222.895
8/12/09	12:25:00	8380	10.541	10.411	207.567	5221.433	206.107	5222.893
8/12/09	12:30:00	8385	10.539	10.413	207.572	5221.428	206.112	5222.888
8/12/09	12:35:00	8390	10.536	10.415	207.579	5221.421	206.119	5222.881
8/12/09	12:40:00	8395	10.535	10.416	207.580	5221.420	206.120	5222.880
8/12/09	12:45:00	8400	10.536	10.419	207.579	5221.421	206.119	5222.881
8/12/09	12:50:00	8405	10.534	10.417	207.585	5221.415	206.125	5222.875
8/12/09	12:55:00	8410	10.535	10.416	207.581	5221.419	206.121	5222.879
8/12/09	13:00:00	8415	10.531	10.418	207.591	5221.409	206.131	5222.869
8/12/09	13:05:00	8420	10.533	10.421	207.587	5221.413	206.127	5222.873
8/12/09	13:10:00	8425	10.530	10.420	207.593	5221.407	206.133	5222.867
8/12/09	13:15:00	8430	10.528	10.420	207.599	5221.401	206.139	5222.861
8/12/09	13:20:00	8435	10.529	10.414	207.594	5221.406	206.134	5222.866
8/12/09	13:25:00	8440	10.527	10.414	207.599	5221.401	206.139	5222.861
8/12/09	13:30:00	8445	10.527	10.413	207.599	5221.401	206.139	5222.861
8/12/09	13:35:00	8450	10.525	10.410	207.605	5221.395	206.145	5222.855
8/12/09	13:40:00	8455	10.524	10.410	207.607	5221.393	206.147	5222.853
8/12/09	13:45:00	8460	10.522	10.411	207.611	5221.389	206.151	5222.849
8/12/09	13:50:00	8465	10.522	10.413	207.612	5221.388	206.152	5222.848
8/12/09	13:55:00	8470	10.519	10.412	207.617	5221.383	206.157	5222.843
8/12/09	14:00:00	8475	10.519	10.410	207.619	5221.381	206.159	5222.841
8/12/09	14:05:00	8480	10.518	10.413	207.620	5221.380	206.160	5222.840
8/12/09	14:10:00	8485	10.516	10.412	207.626	5221.374	206.166	5222.834
8/12/09	14:15:00	8490	10.512	10.413	207.634	5221.366	206.174	5222.826
8/12/09	14:20:00	8495	10.511	10.412	207.636	5221.364	206.176	5222.824
8/12/09	14:25:00	8500	10.510	10.415	207.640	5221.360	206.180	5222.820
8/12/09	14:30:00	8505	10.509	10.414	207.642	5221.358	206.182	5222.818
8/12/09	14:35:00	8510	10.506	10.414	207.648	5221.352	206.188	5222.812
8/12/09	14:40:00	8515	10.503	10.417	207.654	5221.346	206.194	5222.806
8/12/09	14:45:00	8520	10.500	10.421	207.661	5221.339	206.201	5222.799
8/12/09	14:50:00	8525	10.474	10.420	207.721	5221.279	206.261	5222.739
8/12/09	14:55:00	8530	10.475	10.419	207.721	5221.279	206.261	5222.739
8/12/09	15:00:00	8535	10.474	10.416	207.723	5221.277	206.263	5222.737
8/12/09	15:05:00	8540	10.473	10.417	207.725	5221.275	206.265	5222.735
8/12/09	15:10:00	8545	10.471	10.419	207.729	5221.271	206.269	5222.731
8/12/09	15:15:00	8550	10.469	10.422	207.734	5221.266	206.274	5222.726
8/12/09	15:20:00	8555	10.469	10.419	207.734	5221.266	206.274	5222.726
8/12/09	15:25:00	8560	10.469	10.421	207.735	5221.265	206.275	5222.725
8/12/09	15:30:00	8565	10.467	10.419	207.739	5221.261	206.279	5222.721
8/12/09	15:35:00	8570	10.465	10.419	207.744	5221.257	206.284	5222.717
8/12/09	15:40:00	8575	10.463	10.419	207.748	5221.252	206.288	5222.712

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/12/09	15:45:00	8580	10.461	10.420	207.752	5221.248	206.292	5222.708
8/12/09	15:50:00	8585	10.465	10.423	207.744	5221.256	206.284	5222.716
8/12/09	15:55:00	8590	10.459	10.421	207.756	5221.244	206.296	5222.704
8/12/09	16:00:00	8595	10.459	10.423	207.757	5221.243	206.297	5222.703
8/12/09	16:05:00	8600	10.462	10.420	207.750	5221.250	206.290	5222.710
8/12/09	16:10:00	8605	10.461	10.417	207.753	5221.247	206.293	5222.707
8/12/09	16:15:00	8610	10.458	10.422	207.759	5221.241	206.299	5222.701
8/12/09	16:20:00	8615	10.455	10.415	207.766	5221.234	206.306	5222.694
8/12/09	16:25:00	8620	10.454	10.417	207.770	5221.230	206.310	5222.690
8/12/09	16:30:00	8625	10.455	10.416	207.767	5221.233	206.307	5222.693
8/12/09	16:35:00	8630	10.454	10.413	207.768	5221.232	206.308	5222.692
8/12/09	16:40:00	8635	10.452	10.417	207.773	5221.227	206.313	5222.687
8/12/09	16:45:00	8640	10.452	10.421	207.772	5221.228	206.312	5222.688
8/12/09	16:50:00	8645	10.449	10.414	207.779	5221.221	206.319	5222.681
8/12/09	16:55:00	8650	10.450	10.413	207.777	5221.223	206.317	5222.683
8/12/09	17:00:00	8655	10.449	10.418	207.780	5221.220	206.320	5222.680
8/12/09	17:05:00	8660	10.448	10.419	207.783	5221.217	206.323	5222.677
8/12/09	17:10:00	8665	10.446	10.421	207.788	5221.212	206.328	5222.672
8/12/09	17:15:00	8670	10.445	10.419	207.788	5221.212	206.328	5222.672
8/12/09	17:20:00	8675	10.446	10.422	207.787	5221.213	206.327	5222.673
8/12/09	17:25:00	8680	10.441	10.419	207.798	5221.202	206.338	5222.662
8/12/09	17:30:00	8685	10.440	10.418	207.800	5221.200	206.340	5222.660
8/12/09	17:35:00	8690	10.442	10.415	207.797	5221.203	206.337	5222.663
8/12/09	17:40:00	8695	10.439	10.420	207.804	5221.196	206.344	5222.656
8/12/09	17:45:00	8700	10.438	10.418	207.805	5221.195	206.345	5222.655
8/12/09	17:50:00	8705	10.438	10.420	207.805	5221.195	206.345	5222.655
8/12/09	17:55:00	8710	10.435	10.420	207.812	5221.188	206.352	5222.648
8/12/09	18:00:00	8715	10.435	10.416	207.812	5221.188	206.352	5222.648
8/12/09	18:05:00	8720	10.431	10.420	207.822	5221.178	206.362	5222.638
8/12/09	18:10:00	8725	10.433	10.422	207.818	5221.182	206.358	5222.642
8/12/09	18:15:00	8730	10.431	10.422	207.821	5221.179	206.361	5222.639
8/12/09	18:20:00	8735	10.429	10.420	207.825	5221.175	206.365	5222.635
8/12/09	18:25:00	8740	10.432	10.424	207.819	5221.181	206.359	5222.641
8/12/09	18:30:00	8745	10.438	10.425	207.804	5221.196	206.344	5222.656
8/12/09	18:35:00	8750	10.441	10.424	207.799	5221.201	206.339	5222.661
8/12/09	18:40:00	8755	10.441	10.420	207.799	5221.201	206.339	5222.661
8/12/09	18:45:00	8760	10.441	10.417	207.798	5221.202	206.338	5222.662
8/12/09	18:50:00	8765	10.448	10.418	207.783	5221.217	206.323	5222.677
8/12/09	18:55:00	8770	10.443	10.415	207.794	5221.206	206.334	5222.666
8/12/09	19:00:00	8775	10.443	10.417	207.795	5221.205	206.335	5222.665
8/12/09	19:05:00	8780	10.450	10.418	207.777	5221.223	206.317	5222.683
8/12/09	19:10:00	8785	10.455	10.414	207.766	5221.234	206.306	5222.694
8/12/09	19:15:00	8790	10.450	10.421	207.778	5221.222	206.318	5222.682
8/12/09	19:20:00	8795	10.449	10.423	207.780	5221.220	206.320	5222.680
8/12/09	19:25:00	8800	10.451	10.421	207.776	5221.224	206.316	5222.684
8/12/09	19:30:00	8805	10.453	10.421	207.771	5221.229	206.311	5222.689
8/12/09	19:35:00	8810	10.455	10.419	207.767	5221.233	206.307	5222.693
8/12/09	19:40:00	8815	10.459	10.419	207.758	5221.242	206.298	5222.702
8/12/09	19:45:00	8820	10.457	10.421	207.762	5221.238	206.302	5222.698
8/12/09	19:50:00	8825	10.457	10.414	207.762	5221.238	206.302	5222.698
8/12/09	19:55:00	8830	10.455	10.409	207.766	5221.234	206.306	5222.694
8/12/09	20:00:00	8835	10.456	10.413	207.764	5221.236	206.304	5222.696

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/12/09	20:05:00	8840	10.460	10.414	207.756	5221.244	206.296	5222.704
8/12/09	20:10:00	8845	10.459	10.411	207.756	5221.244	206.296	5222.704
8/12/09	20:15:00	8850	10.459	10.410	207.758	5221.242	206.298	5222.702
8/12/09	20:20:00	8855	10.459	10.415	207.758	5221.242	206.298	5222.702
8/12/09	20:25:00	8860	10.457	10.418	207.761	5221.239	206.301	5222.699
8/12/09	20:30:00	8865	10.458	10.413	207.758	5221.242	206.298	5222.702
8/12/09	20:35:00	8870	10.458	10.414	207.759	5221.241	206.299	5222.701
8/12/09	20:40:00	8875	10.457	10.410	207.761	5221.239	206.301	5222.699
8/12/09	20:45:00	8880	10.459	10.409	207.757	5221.243	206.297	5222.703
8/12/09	20:50:00	8885	10.459	10.410	207.758	5221.242	206.298	5222.702
8/12/09	20:55:00	8890	10.456	10.408	207.763	5221.237	206.303	5222.697
8/12/09	21:00:00	8895	10.458	10.410	207.759	5221.241	206.299	5222.701
8/12/09	21:05:00	8900	10.456	10.414	207.764	5221.236	206.304	5222.696
8/12/09	21:10:00	8905	10.453	10.413	207.770	5221.230	206.310	5222.690
8/12/09	21:15:00	8910	10.453	10.419	207.770	5221.230	206.310	5222.690
8/12/09	21:20:00	8915	10.453	10.413	207.771	5221.229	206.311	5222.689
8/12/09	21:25:00	8920	10.452	10.411	207.774	5221.226	206.314	5222.686
8/12/09	21:30:00	8925	10.447	10.410	207.785	5221.215	206.325	5222.675
8/12/09	21:35:00	8930	10.448	10.411	207.783	5221.217	206.323	5222.677
8/12/09	21:40:00	8935	10.445	10.408	207.790	5221.210	206.330	5222.670
8/12/09	21:45:00	8940	10.442	10.410	207.796	5221.204	206.336	5222.664
8/12/09	21:50:00	8945	10.439	10.407	207.803	5221.197	206.343	5222.657
8/12/09	21:55:00	8950	10.436	10.410	207.811	5221.189	206.351	5222.649
8/12/09	22:00:00	8955	10.434	10.410	207.816	5221.184	206.356	5222.644
8/12/09	22:05:00	8960	10.431	10.408	207.821	5221.179	206.361	5222.639
8/12/09	22:10:00	8965	10.429	10.408	207.826	5221.174	206.366	5222.634
8/12/09	22:15:00	8970	10.426	10.411	207.833	5221.167	206.373	5222.627
8/12/09	22:20:00	8975	10.423	10.412	207.840	5221.160	206.380	5222.620
8/12/09	22:25:00	8980	10.421	10.411	207.844	5221.156	206.384	5222.616
8/12/09	22:30:00	8985	10.420	10.411	207.847	5221.153	206.387	5222.613
8/12/09	22:35:00	8990	10.416	10.409	207.855	5221.145	206.395	5222.605
8/12/09	22:40:00	8995	10.413	10.413	207.862	5221.138	206.402	5222.598
8/12/09	22:45:00	9000	10.411	10.412	207.867	5221.133	206.407	5222.593
8/12/09	22:50:00	9005	10.410	10.412	207.869	5221.131	206.409	5222.591
8/12/09	22:55:00	9010	10.404	10.419	207.884	5221.116	206.424	5222.576
8/12/09	23:00:00	9015	10.404	10.417	207.884	5221.116	206.424	5222.576
8/12/09	23:05:00	9020	10.400	10.416	207.892	5221.108	206.432	5222.568
8/12/09	23:10:00	9025	10.400	10.413	207.894	5221.106	206.434	5222.566
8/12/09	23:15:00	9030	10.395	10.416	207.904	5221.096	206.444	5222.556
8/12/09	23:20:00	9035	10.399	10.415	207.895	5221.105	206.435	5222.565
8/12/09	23:25:00	9040	10.395	10.421	207.904	5221.096	206.444	5222.556
8/12/09	23:30:00	9045	10.394	10.415	207.906	5221.094	206.446	5222.554
8/12/09	23:35:00	9050	10.394	10.415	207.907	5221.093	206.447	5222.553
8/12/09	23:40:00	9055	10.390	10.411	207.915	5221.085	206.455	5222.545
8/12/09	23:45:00	9060	10.388	10.415	207.921	5221.079	206.461	5222.539
8/12/09	23:50:00	9065	10.388	10.411	207.920	5221.080	206.460	5222.540
8/12/09	23:55:00	9070	10.385	10.410	207.928	5221.072	206.468	5222.532
8/13/09	0:00:00	9075	10.382	10.411	207.935	5221.065	206.475	5222.525
8/13/09	0:05:00	9080	10.383	10.418	207.931	5221.069	206.471	5222.529
8/13/09	0:10:00	9085	10.380	10.413	207.938	5221.062	206.478	5222.522
8/13/09	0:15:00	9090	10.377	10.415	207.947	5221.053	206.487	5222.513
8/13/09	0:20:00	9095	10.376	10.415	207.949	5221.051	206.489	5222.511

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/13/09	0:25:00	9100	10.373	10.418	207.956	5221.044	206.496	5222.504
8/13/09	0:30:00	9105	10.372	10.413	207.958	5221.042	206.498	5222.502
8/13/09	0:35:00	9110	10.371	10.414	207.961	5221.039	206.501	5222.499
8/13/09	0:40:00	9115	10.365	10.412	207.974	5221.026	206.514	5222.486
8/13/09	0:45:00	9120	10.364	10.413	207.976	5221.024	206.516	5222.484
8/13/09	0:50:00	9125	10.359	10.414	207.987	5221.013	206.527	5222.473
8/13/09	0:55:00	9130	10.358	10.415	207.991	5221.009	206.531	5222.469
8/13/09	1:00:00	9135	10.353	10.417	208.001	5220.999	206.541	5222.459
8/13/09	1:05:00	9140	10.348	10.415	208.012	5220.988	206.552	5222.448
8/13/09	1:10:00	9145	10.343	10.417	208.024	5220.976	206.564	5222.436
8/13/09	1:15:00	9150	10.342	10.416	208.026	5220.974	206.566	5222.434
8/13/09	1:20:00	9155	10.340	10.416	208.032	5220.968	206.572	5222.428
8/13/09	1:25:00	9160	10.338	10.414	208.037	5220.963	206.577	5222.423
8/13/09	1:30:00	9165	10.333	10.414	208.047	5220.953	206.587	5222.413
8/13/09	1:35:00	9170	10.328	10.418	208.060	5220.940	206.600	5222.400
8/13/09	1:40:00	9175	10.322	10.418	208.073	5220.927	206.613	5222.387
8/13/09	1:45:00	9180	10.318	10.421	208.082	5220.918	206.622	5222.378
8/13/09	1:50:00	9185	10.317	10.421	208.084	5220.916	206.624	5222.376
8/13/09	1:55:00	9190	10.314	10.427	208.092	5220.908	206.632	5222.368
8/13/09	2:00:00	9195	10.309	10.424	208.103	5220.897	206.643	5222.357
8/13/09	2:05:00	9200	10.308	10.422	208.106	5220.894	206.646	5222.354
8/13/09	2:10:00	9205	10.302	10.420	208.119	5220.881	206.659	5222.341
8/13/09	2:15:00	9210	10.300	10.419	208.124	5220.876	206.664	5222.336
8/13/09	2:20:00	9215	10.298	10.418	208.128	5220.872	206.668	5222.332
8/13/09	2:25:00	9220	10.294	10.417	208.137	5220.863	206.677	5222.323
8/13/09	2:30:00	9225	10.293	10.418	208.140	5220.860	206.680	5222.320
8/13/09	2:35:00	9230	10.292	10.416	208.143	5220.857	206.683	5222.317
8/13/09	2:40:00	9235	10.289	10.416	208.150	5220.850	206.690	5222.310
8/13/09	2:45:00	9240	10.288	10.418	208.153	5220.847	206.693	5222.307
8/13/09	2:50:00	9245	10.284	10.417	208.160	5220.840	206.700	5222.300
8/13/09	2:55:00	9250	10.282	10.416	208.165	5220.835	206.705	5222.295
8/13/09	3:00:00	9255	10.277	10.412	208.176	5220.824	206.716	5222.284
8/13/09	3:05:00	9260	10.274	10.413	208.184	5220.816	206.724	5222.276
8/13/09	3:10:00	9265	10.273	10.414	208.187	5220.813	206.727	5222.273
8/13/09	3:15:00	9270	10.274	10.413	208.185	5220.815	206.725	5222.275
8/13/09	3:20:00	9275	10.267	10.413	208.200	5220.800	206.740	5222.260
8/13/09	3:25:00	9280	10.263	10.408	208.209	5220.791	206.749	5222.251
8/13/09	3:30:00	9285	10.259	10.411	208.219	5220.781	206.759	5222.241
8/13/09	3:35:00	9290	10.262	10.416	208.213	5220.787	206.753	5222.247
8/13/09	3:40:00	9295	10.263	10.421	208.210	5220.790	206.750	5222.250
8/13/09	3:45:00	9300	10.262	10.419	208.212	5220.788	206.752	5222.248
8/13/09	3:50:00	9305	10.263	10.419	208.211	5220.789	206.751	5222.249
8/13/09	3:55:00	9310	10.261	10.417	208.214	5220.786	206.754	5222.246
8/13/09	4:00:00	9315	10.262	10.417	208.212	5220.788	206.752	5222.248
8/13/09	4:05:00	9320	10.259	10.416	208.218	5220.782	206.758	5222.242
8/13/09	4:10:00	9325	10.254	10.418	208.231	5220.769	206.771	5222.229
8/13/09	4:15:00	9330	10.254	10.420	208.230	5220.770	206.770	5222.230
8/13/09	4:20:00	9335	10.254	10.417	208.230	5220.770	206.770	5222.230
8/13/09	4:25:00	9340	10.252	10.417	208.235	5220.765	206.775	5222.225
8/13/09	4:30:00	9345	10.251	10.419	208.238	5220.762	206.778	5222.222
8/13/09	4:35:00	9350	10.247	10.421	208.245	5220.755	206.785	5222.215
8/13/09	4:40:00	9355	10.244	10.418	208.253	5220.747	206.793	5222.207

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/13/09	4:45:00	9360	10.246	10.421	208.249	5220.751	206.789	5222.211
8/13/09	4:50:00	9365	10.241	10.421	208.260	5220.740	206.800	5222.200
8/13/09	4:55:00	9370	10.237	10.421	208.271	5220.729	206.811	5222.189
8/13/09	5:00:00	9375	10.235	10.419	208.273	5220.727	206.813	5222.187
8/13/09	5:05:00	9380	10.232	10.419	208.281	5220.719	206.821	5222.179
8/13/09	5:10:00	9385	10.228	10.420	208.289	5220.711	206.829	5222.171
8/13/09	5:15:00	9390	10.224	10.420	208.299	5220.701	206.839	5222.161
8/13/09	5:20:00	9395	10.227	10.422	208.293	5220.707	206.833	5222.167
8/13/09	5:25:00	9400	10.222	10.420	208.304	5220.696	206.844	5222.156
8/13/09	5:30:00	9405	10.226	10.421	208.296	5220.704	206.836	5222.164
8/13/09	5:35:00	9410	10.220	10.422	208.308	5220.692	206.848	5222.152
8/13/09	5:40:00	9415	10.217	10.422	208.315	5220.685	206.855	5222.145
8/13/09	5:45:00	9420	10.217	10.418	208.316	5220.684	206.856	5222.144
8/13/09	5:50:00	9425	10.212	10.417	208.326	5220.674	206.866	5222.134
8/13/09	5:55:00	9430	10.213	10.416	208.326	5220.674	206.866	5222.134
8/13/09	6:00:00	9435	10.210	10.413	208.331	5220.669	206.871	5222.129
8/13/09	6:05:00	9440	10.210	10.418	208.331	5220.669	206.871	5222.129
8/13/09	6:10:00	9445	10.208	10.416	208.337	5220.663	206.877	5222.123
8/13/09	6:15:00	9450	10.203	10.411	208.347	5220.653	206.887	5222.113
8/13/09	6:20:00	9455	10.202	10.413	208.351	5220.649	206.891	5222.109
8/13/09	6:25:00	9460	10.196	10.417	208.365	5220.635	206.905	5222.095
8/13/09	6:30:00	9465	10.196	10.417	208.363	5220.637	206.903	5222.097
8/13/09	6:35:00	9470	10.194	10.421	208.370	5220.630	206.910	5222.090
8/13/09	6:40:00	9475	10.193	10.415	208.370	5220.630	206.910	5222.090
8/13/09	6:45:00	9480	10.187	10.413	208.384	5220.616	206.924	5222.076
8/13/09	6:50:00	9485	10.184	10.414	208.392	5220.608	206.932	5222.068
8/13/09	6:55:00	9490	10.179	10.417	208.404	5220.596	206.944	5222.056
8/13/09	7:00:00	9495	10.174	10.419	208.415	5220.585	206.955	5222.045
8/13/09	7:05:00	9500	10.169	10.417	208.426	5220.574	206.966	5222.034
8/13/09	7:10:00	9505	10.167	10.429	208.432	5220.568	206.972	5222.028
8/13/09	7:15:00	9510	10.161	10.427	208.444	5220.556	206.984	5222.016
8/13/09	7:20:00	9515	10.158	10.423	208.453	5220.547	206.993	5222.007
8/13/09	7:25:00	9520	10.157	10.419	208.455	5220.545	206.995	5222.005
8/13/09	7:30:00	9525	10.149	10.414	208.472	5220.528	207.012	5221.988
8/13/09	7:35:00	9530	10.144	10.413	208.483	5220.517	207.023	5221.977
8/13/09	7:40:00	9535	10.140	10.414	208.493	5220.507	207.033	5221.967
8/13/09	7:45:00	9540	10.138	10.416	208.498	5220.502	207.038	5221.962
8/13/09	7:50:00	9545	10.133	10.418	208.509	5220.491	207.049	5221.951
8/13/09	7:55:00	9550	10.129	10.417	208.518	5220.482	207.058	5221.942
8/13/09	8:00:00	9555	10.126	10.416	208.527	5220.473	207.067	5221.933
8/13/09	8:05:00	9560	10.125	10.414	208.529	5220.471	207.069	5221.931
8/13/09	8:10:00	9565	10.124	10.417	208.531	5220.469	207.071	5221.929
8/13/09	8:15:00	9570	10.123	10.419	208.533	5220.467	207.073	5221.927
8/13/09	8:20:00	9575	10.124	10.420	208.530	5220.470	207.070	5221.930
8/13/09	8:25:00	9580	10.120	10.421	208.539	5220.461	207.079	5221.921
8/13/09	8:30:00	9585	10.116	10.419	208.548	5220.452	207.088	5221.912
8/13/09	8:35:00	9590	10.111	10.421	208.560	5220.440	207.100	5221.900
8/13/09	8:40:00	9595	10.106	10.417	208.571	5220.429	207.111	5221.889
8/13/09	8:45:00	9600	10.106	10.416	208.572	5220.428	207.112	5221.888
8/13/09	8:50:00	9605	10.102	10.416	208.581	5220.419	207.121	5221.879
8/13/09	8:55:00	9610	10.101	10.417	208.584	5220.416	207.124	5221.876
8/13/09	9:00:00	9615	10.096	10.418	208.595	5220.405	207.135	5221.865

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/13/09	9:05:00	9620	10.087	10.421	208.615	5220.385	207.155	5221.845
8/13/09	9:10:00	9625	10.082	10.421	208.628	5220.372	207.168	5221.832
8/13/09	9:15:00	9630	10.078	10.419	208.637	5220.363	207.177	5221.823
8/13/09	9:20:00	9635	10.076	10.417	208.641	5220.359	207.181	5221.819
8/13/09	9:25:00	9640	10.070	10.420	208.655	5220.345	207.195	5221.805
8/13/09	9:30:00	9645	10.068	10.413	208.659	5220.341	207.199	5221.801
8/13/09	9:35:00	9650	10.065	10.413	208.667	5220.333	207.207	5221.793
8/13/09	9:40:00	9655	10.062	10.412	208.674	5220.326	207.214	5221.786
8/13/09	9:45:00	9660	10.055	10.417	208.691	5220.309	207.231	5221.769
8/13/09	9:50:00	9665	10.050	10.413	208.700	5220.300	207.240	5221.760
8/13/09	9:55:00	9670	10.047	10.412	208.709	5220.291	207.249	5221.751
8/13/09	10:00:00	9675	10.045	10.412	208.714	5220.286	207.254	5221.746
8/13/09	10:05:00	9680	10.041	10.409	208.723	5220.277	207.263	5221.737
8/13/09	10:10:00	9685	10.036	10.412	208.733	5220.267	207.273	5221.727
8/13/09	10:15:00	9690	10.031	10.413	208.746	5220.254	207.286	5221.714
8/13/09	10:20:00	9695	10.028	10.417	208.753	5220.247	207.293	5221.707
8/13/09	10:25:00	9700	10.029	10.414	208.750	5220.250	207.290	5221.710
8/13/09	10:30:00	9705	10.023	10.412	208.763	5220.237	207.303	5221.697
8/13/09	10:35:00	9710	10.019	10.415	208.772	5220.228	207.312	5221.688
8/13/09	10:40:00	9715	10.017	10.420	208.779	5220.221	207.319	5221.681
8/13/09	10:45:00	9720	10.013	10.416	208.787	5220.213	207.327	5221.673
8/13/09	10:50:00	9725	10.011	10.418	208.790	5220.210	207.330	5221.670
8/13/09	10:55:00	9730	10.009	10.416	208.797	5220.203	207.337	5221.663
8/13/09	11:00:00	9735	10.009	10.416	208.797	5220.203	207.337	5221.663
8/13/09	11:05:00	9740	10.002	10.416	208.811	5220.189	207.351	5221.649
8/13/09	11:10:00	9745	10.003	10.414	208.811	5220.189	207.351	5221.649
8/13/09	11:15:00	9750	9.992	10.410	208.836	5220.164	207.376	5221.624
8/13/09	11:20:00	9755	9.990	10.411	208.840	5220.160	207.380	5221.620
8/13/09	11:25:00	9760	9.988	10.411	208.845	5220.155	207.385	5221.615
8/13/09	11:30:00	9765	9.984	10.414	208.854	5220.146	207.394	5221.606
8/13/09	11:35:00	9770	9.980	10.415	208.863	5220.137	207.403	5221.597
8/13/09	11:40:00	9775	9.980	10.422	208.863	5220.137	207.403	5221.597
8/13/09	11:45:00	9780	9.978	10.423	208.867	5220.133	207.407	5221.593
8/13/09	11:50:00	9785	9.975	10.422	208.874	5220.126	207.414	5221.586
8/13/09	11:55:00	9790	9.970	10.420	208.885	5220.115	207.425	5221.575
8/13/09	12:00:00	9795	9.971	10.414	208.884	5220.116	207.424	5221.576
8/13/09	12:05:00	9800	9.969	10.411	208.888	5220.112	207.428	5221.572
8/13/09	12:10:00	9805	9.960	10.415	208.909	5220.091	207.449	5221.551
8/13/09	12:15:00	9810	9.956	10.413	208.918	5220.082	207.458	5221.542
8/13/09	12:20:00	9815	9.953	10.417	208.925	5220.075	207.465	5221.535
8/13/09	12:25:00	9820	9.952	10.426	208.927	5220.073	207.467	5221.533
8/13/09	12:30:00	9825	9.942	10.425	208.950	5220.050	207.490	5221.510
8/13/09	12:35:00	9830	9.942	10.423	208.952	5220.048	207.492	5221.508
8/13/09	12:40:00	9835	9.939	10.424	208.958	5220.042	207.498	5221.502
8/13/09	12:45:00	9840	9.935	10.425	208.968	5220.032	207.508	5221.492
8/13/09	12:50:00	9845	9.934	10.422	208.969	5220.031	207.509	5221.491
8/13/09	12:55:00	9850	9.932	10.424	208.975	5220.025	207.515	5221.485
8/13/09	13:00:00	9855	9.926	10.426	208.987	5220.013	207.527	5221.473
8/13/09	13:05:00	9860	9.927	10.427	208.986	5220.014	207.526	5221.474
8/13/09	13:10:00	9865	9.926	10.426	208.988	5220.012	207.528	5221.472
8/13/09	13:15:00	9870	9.912	10.421	209.020	5219.980	207.560	5221.440
8/13/09	13:20:00	9875	9.909	10.418	209.027	5219.973	207.567	5221.433

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation			
8/13/09	13:25:00	9880	9.910	10.413	209.025	5219.975		207.565	5221.435
8/13/09	13:30:00	9885	9.909	10.413	209.028	5219.972		207.568	5221.432
8/13/09	13:35:00	9890	9.906	10.415	209.035	5219.965		207.575	5221.425
8/13/09	13:40:00	9895	9.903	10.413	209.041	5219.959		207.581	5221.419
8/13/09	13:45:00	9900	9.902	10.415	209.042	5219.958		207.582	5221.418
8/13/09	13:50:00	9905	9.900	10.414	209.049	5219.951		207.589	5221.411
8/13/09	13:55:00	9910	9.898	10.413	209.051	5219.949		207.591	5221.409
8/13/09	14:00:00	9915	9.895	10.413	209.058	5219.942		207.598	5221.402
8/13/09	14:05:00	9920	9.889	10.413	209.073	5219.927		207.613	5221.387
8/13/09	14:10:00	9925	9.888	10.413	209.074	5219.926		207.614	5221.386
8/13/09	14:15:00	9930	9.887	10.413	209.078	5219.922		207.618	5221.382
8/13/09	14:20:00	9935	9.884	10.414	209.084	5219.916		207.624	5221.376
8/13/09	14:25:00	9940	9.883	10.417	209.087	5219.913		207.627	5221.373
8/13/09	14:30:00	9945	9.883	10.416	209.086	5219.914		207.626	5221.374
8/13/09	14:35:00	9950	9.881	10.416	209.092	5219.908		207.632	5221.368
8/13/09	14:40:00	9955	9.881	10.415	209.090	5219.910		207.630	5221.370
8/13/09	14:45:00	9960	9.882	10.416	209.090	5219.910		207.630	5221.370
8/13/09	14:50:00	9965	9.879	10.413	209.097	5219.903		207.637	5221.363
8/13/09	14:55:00	9970	9.875	10.415	209.106	5219.894		207.646	5221.354
8/13/09	15:00:00	9975	9.880	10.420	209.095	5219.905		207.635	5221.365
8/13/09	15:05:00	9980	9.877	10.418	209.100	5219.900		207.640	5221.360
8/13/09	15:10:00	9985	9.874	10.418	209.108	5219.892		207.648	5221.352
8/13/09	15:15:00	9990	9.873	10.410	209.110	5219.890		207.650	5221.350
8/13/09	15:20:00	9995	9.872	10.411	209.113	5219.887		207.653	5221.347
8/13/09	15:25:00	10000	9.872	10.416	209.112	5219.888		207.652	5221.348
8/13/09	15:30:00	10005	9.870	10.422	209.117	5219.883		207.657	5221.343
8/13/09	15:35:00	10010	9.867	10.420	209.124	5219.876		207.664	5221.336
8/13/09	15:40:00	10015	9.869	10.423	209.119	5219.881		207.659	5221.341
8/13/09	15:45:00	10020	9.866	10.421	209.127	5219.873		207.667	5221.333
8/13/09	15:50:00	10025	9.866	10.418	209.126	5219.874		207.666	5221.334
8/13/09	15:55:00	10030	9.862	10.422	209.135	5219.865		207.675	5221.325
8/13/09	16:00:00	10035	9.862	10.424	209.135	5219.865		207.675	5221.325
8/13/09	16:05:00	10040	9.863	10.426	209.132	5219.868		207.672	5221.328
8/13/09	16:10:00	10045	9.860	10.421	209.140	5219.860		207.680	5221.320
8/13/09	16:15:00	10050	9.859	10.417	209.141	5219.859		207.681	5221.319
8/13/09	16:20:00	10055	9.858	10.413	209.145	5219.855		207.685	5221.315
8/13/09	16:25:00	10060	9.859	10.414	209.142	5219.858		207.682	5221.318
8/13/09	16:30:00	10065	9.858	10.419	209.145	5219.855		207.685	5221.315
8/13/09	16:35:00	10070	9.857	10.423	209.148	5219.852		207.688	5221.312
8/13/09	16:40:00	10075	9.853	10.425	209.156	5219.844		207.696	5221.304
8/13/09	16:45:00	10080	9.854	10.424	209.154	5219.846		207.694	5221.306
8/13/09	16:50:00	10085	9.850	10.427	209.163	5219.837		207.703	5221.297
8/13/09	16:55:00	10090	9.851	10.426	209.161	5219.839		207.701	5221.299
8/13/09	17:00:00	10095	9.847	10.420	209.169	5219.831		207.709	5221.291
8/13/09	17:05:00	10100	9.845	10.421	209.174	5219.826		207.714	5221.286
8/13/09	17:10:00	10105	9.846	10.415	209.173	5219.827		207.713	5221.287
8/13/09	17:15:00	10110	9.845	10.415	209.174	5219.826		207.714	5221.286
8/13/09	17:20:00	10115	9.843	10.418	209.178	5219.822		207.718	5221.282
8/13/09	17:25:00	10120	9.843	10.417	209.179	5219.821		207.719	5221.281
8/13/09	17:30:00	10125	9.842	10.417	209.181	5219.819		207.721	5221.279
8/13/09	17:35:00	10130	9.840	10.416	209.187	5219.813		207.727	5221.273
8/13/09	17:40:00	10135	9.843	10.418	209.180	5219.820		207.720	5221.280

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/13/09	17:45:00	10140	9.840	10.413	209.186	5219.814	207.726	5221.274
8/13/09	17:50:00	10145	9.839	10.420	209.188	5219.812	207.728	5221.272
8/13/09	17:55:00	10150	9.841	10.419	209.184	5219.816	207.724	5221.276
8/13/09	18:00:00	10155	9.837	10.424	209.192	5219.808	207.732	5221.268
8/13/09	18:05:00	10160	9.834	10.421	209.199	5219.801	207.739	5221.261
8/13/09	18:10:00	10165	9.832	10.419	209.204	5219.796	207.744	5221.256
8/13/09	18:15:00	10170	9.833	10.420	209.202	5219.798	207.742	5221.258
8/13/09	18:20:00	10175	9.833	10.421	209.203	5219.797	207.743	5221.257
8/13/09	18:25:00	10180	9.830	10.421	209.210	5219.790	207.750	5221.250
8/13/09	18:30:00	10185	9.832	10.420	209.204	5219.796	207.744	5221.256
8/13/09	18:35:00	10190	9.832	10.421	209.204	5219.796	207.744	5221.256
8/13/09	18:40:00	10195	9.830	10.422	209.210	5219.790	207.750	5221.250
8/13/09	18:45:00	10200	9.829	10.422	209.212	5219.788	207.752	5221.248
8/13/09	18:50:00	10205	9.842	10.427	209.182	5219.818	207.722	5221.278
8/13/09	18:55:00	10210	9.846	10.422	209.173	5219.827	207.713	5221.287
8/13/09	19:00:00	10215	9.849	10.419	209.166	5219.834	207.706	5221.294
8/13/09	19:05:00	10220	9.856	10.414	209.149	5219.851	207.689	5221.311
8/13/09	19:10:00	10225	9.854	10.419	209.154	5219.846	207.694	5221.306
8/13/09	19:15:00	10230	9.857	10.416	209.148	5219.852	207.688	5221.312
8/13/09	19:20:00	10235	9.858	10.421	209.143	5219.857	207.683	5221.317
8/13/09	19:25:00	10240	9.860	10.420	209.139	5219.861	207.679	5221.321
8/13/09	19:30:00	10245	9.862	10.417	209.136	5219.864	207.676	5221.324
8/13/09	19:35:00	10250	9.863	10.418	209.134	5219.866	207.674	5221.326
8/13/09	19:40:00	10255	9.867	10.419	209.124	5219.876	207.664	5221.336
8/13/09	19:45:00	10260	9.866	10.421	209.127	5219.873	207.667	5221.333
8/13/09	19:50:00	10265	9.868	10.421	209.121	5219.879	207.661	5221.339
8/13/09	19:55:00	10270	9.868	10.425	209.122	5219.878	207.662	5221.338
8/13/09	20:00:00	10275	9.866	10.422	209.126	5219.874	207.666	5221.334
8/13/09	20:05:00	10280	9.865	10.426	209.128	5219.872	207.668	5221.332
8/13/09	20:10:00	10285	9.866	10.425	209.126	5219.874	207.666	5221.334
8/13/09	20:15:00	10290	9.866	10.424	209.127	5219.873	207.667	5221.333
8/13/09	20:20:00	10295	9.866	10.424	209.127	5219.873	207.667	5221.333
8/13/09	20:25:00	10300	9.861	10.421	209.137	5219.863	207.677	5221.323
8/13/09	20:30:00	10305	9.861	10.418	209.137	5219.863	207.677	5221.323
8/13/09	20:35:00	10310	9.860	10.421	209.139	5219.861	207.679	5221.321
8/13/09	20:40:00	10315	9.860	10.417	209.141	5219.859	207.681	5221.319
8/13/09	20:45:00	10320	9.858	10.413	209.145	5219.855	207.685	5221.315
8/13/09	20:50:00	10325	9.856	10.412	209.149	5219.851	207.689	5221.311
8/13/09	20:55:00	10330	9.856	10.413	209.150	5219.850	207.690	5221.310
8/13/09	21:00:00	10335	9.853	10.413	209.156	5219.844	207.696	5221.304
8/13/09	21:05:00	10340	9.852	10.419	209.159	5219.841	207.699	5221.301
8/13/09	21:10:00	10345	9.851	10.420	209.161	5219.839	207.701	5221.299
8/13/09	21:15:00	10350	9.850	10.421	209.162	5219.838	207.702	5221.298
8/13/09	21:20:00	10355	9.850	10.419	209.163	5219.837	207.703	5221.297
8/13/09	21:25:00	10360	9.851	10.419	209.162	5219.838	207.702	5221.298
8/13/09	21:30:00	10365	9.843	10.421	209.179	5219.821	207.719	5221.281
8/13/09	21:35:00	10370	9.836	10.415	209.194	5219.806	207.734	5221.266
8/13/09	21:40:00	10375	9.836	10.419	209.196	5219.804	207.736	5221.264
8/13/09	21:45:00	10380	9.827	10.419	209.215	5219.785	207.755	5221.245
8/13/09	21:50:00	10385	9.823	10.415	209.225	5219.775	207.765	5221.235
8/13/09	21:55:00	10390	9.824	10.419	209.223	5219.777	207.763	5221.237
8/13/09	22:00:00	10395	9.825	10.417	209.221	5219.779	207.761	5221.239

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation			
8/13/09	22:05:00	10400	9.824	10.419	209.222	5219.778		207.762	5221.238
8/13/09	22:10:00	10405	9.822	10.416	209.228	5219.772		207.768	5221.232
8/13/09	22:15:00	10410	9.820	10.417	209.233	5219.767		207.773	5221.227
8/13/09	22:20:00	10415	9.818	10.418	209.237	5219.763		207.777	5221.223
8/13/09	22:25:00	10420	9.818	10.422	209.236	5219.764		207.776	5221.224
8/13/09	22:30:00	10425	9.819	10.416	209.236	5219.764		207.776	5221.224
8/13/09	22:35:00	10430	9.820	10.416	209.233	5219.767		207.773	5221.227
8/13/09	22:40:00	10435	9.816	10.416	209.242	5219.758		207.782	5221.218
8/13/09	22:45:00	10440	9.816	10.417	209.243	5219.757		207.783	5221.217
8/13/09	22:50:00	10445	9.811	10.413	209.253	5219.747		207.793	5221.207
8/13/09	22:55:00	10450	9.808	10.413	209.260	5219.740		207.800	5221.200
8/13/09	23:00:00	10455	9.805	10.419	209.266	5219.734		207.806	5221.194
8/13/09	23:05:00	10460	9.806	10.421	209.265	5219.735		207.805	5221.195
8/13/09	23:10:00	10465	9.806	10.416	209.265	5219.735		207.805	5221.195
8/13/09	23:15:00	10470	9.803	10.416	209.272	5219.728		207.812	5221.188
8/13/09	23:20:00	10475	9.800	10.417	209.278	5219.722		207.818	5221.182
8/13/09	23:25:00	10480	9.793	10.420	209.295	5219.705		207.835	5221.165
8/13/09	23:30:00	10485	9.792	10.417	209.297	5219.703		207.837	5221.163
8/13/09	23:35:00	10490	9.789	10.417	209.304	5219.696		207.844	5221.156
8/13/09	23:40:00	10495	9.784	10.413	209.315	5219.685		207.855	5221.145
8/13/09	23:45:00	10500	9.781	10.418	209.323	5219.677		207.863	5221.137
8/13/09	23:50:00	10505	9.777	10.419	209.331	5219.669		207.871	5221.129
8/13/09	23:55:00	10510	9.776	10.421	209.335	5219.665		207.875	5221.125
8/14/09	0:00:00	10515	9.773	10.421	209.341	5219.659		207.881	5221.119
8/14/09	0:05:00	10520	9.771	10.422	209.346	5219.654		207.886	5221.114
8/14/09	0:10:00	10525	9.768	10.419	209.353	5219.647		207.893	5221.107
8/14/09	0:15:00	10530	9.766	10.421	209.357	5219.643		207.897	5221.103
8/14/09	0:20:00	10535	9.761	10.421	209.368	5219.632		207.908	5221.092
8/14/09	0:25:00	10540	9.760	10.420	209.371	5219.629		207.911	5221.089
8/14/09	0:30:00	10545	9.757	10.419	209.377	5219.623		207.917	5221.083
8/14/09	0:35:00	10550	9.755	10.417	209.383	5219.617		207.923	5221.077
8/14/09	0:40:00	10555	9.753	10.421	209.388	5219.612		207.928	5221.072
8/14/09	0:45:00	10560	9.750	10.427	209.394	5219.606		207.934	5221.066
8/14/09	0:50:00	10565	9.747	10.427	209.401	5219.599		207.941	5221.059
8/14/09	0:55:00	10570	9.749	10.421	209.396	5219.604		207.936	5221.064
8/14/09	1:00:00	10575	9.748	10.422	209.398	5219.602		207.938	5221.062
8/14/09	1:05:00	10580	9.747	10.420	209.400	5219.600		207.940	5221.060
8/14/09	1:10:00	10585	9.747	10.418	209.400	5219.600		207.940	5221.060
8/14/09	1:15:00	10590	9.743	10.422	209.410	5219.590		207.950	5221.050
8/14/09	1:20:00	10595	9.743	10.422	209.411	5219.589		207.951	5221.049
8/14/09	1:25:00	10600	9.741	10.423	209.414	5219.586		207.954	5221.046
8/14/09	1:30:00	10605	9.738	10.423	209.422	5219.578		207.962	5221.038
8/14/09	1:35:00	10610	9.734	10.421	209.432	5219.568		207.972	5221.028
8/14/09	1:40:00	10615	9.729	10.419	209.442	5219.558		207.982	5221.018
8/14/09	1:45:00	10620	9.723	10.420	209.456	5219.544		207.996	5221.004
8/14/09	1:50:00	10625	9.722	10.417	209.460	5219.540		208.000	5221.000
8/14/09	1:55:00	10630	9.722	10.420	209.459	5219.541		207.999	5221.001
8/14/09	2:00:00	10635	9.724	10.419	209.454	5219.546		207.994	5221.006
8/14/09	2:05:00	10640	9.719	10.419	209.467	5219.533		208.007	5220.993
8/14/09	2:10:00	10645	9.717	10.421	209.469	5219.531		208.009	5220.991
8/14/09	2:15:00	10650	9.714	10.417	209.476	5219.524		208.016	5220.984
8/14/09	2:20:00	10655	9.711	10.417	209.485	5219.515		208.025	5220.975

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	2:25:00	10660	9.709	10.416	209.488	5219.512	208.028	5220.972
8/14/09	2:30:00	10665	9.704	10.411	209.500	5219.500	208.040	5220.960
8/14/09	2:35:00	10670	9.703	10.408	209.503	5219.497	208.043	5220.957
8/14/09	2:40:00	10675	9.699	10.405	209.513	5219.487	208.053	5220.947
8/14/09	2:45:00	10680	9.697	10.410	209.517	5219.483	208.057	5220.943
8/14/09	2:50:00	10685	9.696	10.413	209.519	5219.481	208.059	5220.941
8/14/09	2:55:00	10690	9.695	10.418	209.521	5219.479	208.061	5220.939
8/14/09	3:00:00	10695	9.695	10.418	209.521	5219.479	208.061	5220.939
8/14/09	3:05:00	10700	9.693	10.418	209.526	5219.474	208.066	5220.934
8/14/09	3:10:00	10705	9.692	10.420	209.528	5219.472	208.068	5220.932
8/14/09	3:15:00	10710	9.687	10.419	209.539	5219.461	208.079	5220.921
8/14/09	3:20:00	10715	9.688	10.421	209.537	5219.463	208.077	5220.923
8/14/09	3:25:00	10720	9.685	10.416	209.544	5219.456	208.084	5220.916
8/14/09	3:30:00	10725	9.682	10.422	209.550	5219.450	208.090	5220.910
8/14/09	3:35:00	10730	9.683	10.424	209.549	5219.451	208.089	5220.911
8/14/09	3:40:00	10735	9.680	10.430	209.555	5219.445	208.095	5220.905
8/14/09	3:45:00	10740	9.676	10.426	209.564	5219.436	208.104	5220.896
8/14/09	3:50:00	10745	9.675	10.424	209.567	5219.433	208.107	5220.893
8/14/09	3:55:00	10750	9.672	10.424	209.574	5219.426	208.114	5220.886
8/14/09	4:00:00	10755	9.670	10.427	209.578	5219.422	208.118	5220.882
8/14/09	4:05:00	10760	9.669	10.420	209.580	5219.420	208.120	5220.880
8/14/09	4:10:00	10765	9.666	10.424	209.587	5219.413	208.127	5220.873
8/14/09	4:15:00	10770	9.663	10.424	209.595	5219.405	208.135	5220.865
8/14/09	4:20:00	10775	9.662	10.425	209.598	5219.402	208.138	5220.862
8/14/09	4:25:00	10780	9.660	10.423	209.603	5219.397	208.143	5220.857
8/14/09	4:30:00	10785	9.656	10.421	209.610	5219.390	208.150	5220.850
8/14/09	4:35:00	10790	9.652	10.427	209.620	5219.380	208.160	5220.840
8/14/09	4:40:00	10795	9.649	10.422	209.627	5219.373	208.167	5220.833
8/14/09	4:45:00	10800	9.644	10.426	209.639	5219.361	208.179	5220.821
8/14/09	4:50:00	10805	9.644	10.422	209.639	5219.361	208.179	5220.821
8/14/09	4:55:00	10810	9.641	10.405	209.646	5219.354	208.186	5220.814
8/14/09	5:00:00	10815	9.637	10.407	209.655	5219.345	208.195	5220.805
8/14/09	5:05:00	10820	9.637	10.413	209.656	5219.344	208.196	5220.804
8/14/09	5:10:00	10825	9.635	10.414	209.660	5219.340	208.200	5220.800
8/14/09	5:15:00	10830	9.631	10.416	209.670	5219.330	208.210	5220.790
8/14/09	5:20:00	10835	9.632	10.417	209.667	5219.333	208.207	5220.793
8/14/09	5:25:00	10840	9.626	10.417	209.681	5219.319	208.221	5220.779
8/14/09	5:30:00	10845	9.626	10.417	209.680	5219.320	208.220	5220.780
8/14/09	5:35:00	10850	9.623	10.416	209.687	5219.313	208.227	5220.773
8/14/09	5:40:00	10855	9.624	10.418	209.685	5219.315	208.225	5220.775
8/14/09	5:45:00	10860	9.617	10.416	209.702	5219.298	208.242	5220.758
8/14/09	5:50:00	10865	9.617	10.415	209.701	5219.299	208.241	5220.759
8/14/09	5:55:00	10870	9.617	10.418	209.701	5219.299	208.241	5220.759
8/14/09	6:00:00	10875	9.614	10.417	209.708	5219.292	208.248	5220.752
8/14/09	6:05:00	10880	9.612	10.422	209.712	5219.288	208.252	5220.748
8/14/09	6:10:00	10885	9.609	10.425	209.720	5219.280	208.260	5220.740
8/14/09	6:15:00	10890	9.605	10.425	209.729	5219.271	208.269	5220.731
8/14/09	6:20:00	10895	9.605	10.423	209.729	5219.271	208.269	5220.731
8/14/09	6:25:00	10900	9.604	10.420	209.730	5219.270	208.270	5220.730
8/14/09	6:30:00	10905	9.603	10.420	209.733	5219.267	208.273	5220.727
8/14/09	6:35:00	10910	9.602	10.420	209.737	5219.263	208.277	5220.723
8/14/09	6:40:00	10915	9.602	10.424	209.737	5219.263	208.277	5220.723

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	6:45:00	10920	9.602	10.428	209.735	5219.265	208.275	5220.725
8/14/09	6:50:00	10925	9.604	10.429	209.730	5219.270	208.270	5220.730
8/14/09	6:55:00	10930	9.608	10.427	209.722	5219.278	208.262	5220.738
8/14/09	7:00:00	10935	9.608	10.426	209.722	5219.278	208.262	5220.738
8/14/09	7:05:00	10940	9.613	10.422	209.711	5219.289	208.251	5220.749
8/14/09	7:10:00	10945	9.612	10.423	209.712	5219.288	208.252	5220.748
8/14/09	7:15:00	10950	9.612	10.421	209.712	5219.288	208.252	5220.748
8/14/09	7:20:00	10955	9.609	10.421	209.719	5219.281	208.259	5220.741
8/14/09	7:25:00	10960	9.608	10.424	209.722	5219.278	208.262	5220.738
8/14/09	7:30:00	10965	9.610	10.421	209.717	5219.283	208.257	5220.743
8/14/09	7:35:00	10970	9.608	10.421	209.721	5219.279	208.261	5220.739
8/14/09	7:40:00	10975	9.610	10.421	209.718	5219.282	208.258	5220.742
8/14/09	7:45:00	10980	9.606	10.418	209.727	5219.273	208.267	5220.733
8/14/09	7:50:00	10985	9.604	10.422	209.732	5219.268	208.272	5220.728
8/14/09	7:55:00	10990	9.598	10.426	209.744	5219.256	208.284	5220.716
8/14/09	8:00:00	10995	9.602	10.419	209.736	5219.264	208.276	5220.724
8/14/09	8:05:00	11000	9.598	10.421	209.746	5219.254	208.286	5220.714
8/14/09	8:10:00	11005	9.594	10.421	209.755	5219.245	208.295	5220.705
8/14/09	8:15:00	11010	9.593	10.420	209.757	5219.243	208.297	5220.703
8/14/09	8:20:00	11015	9.586	10.418	209.773	5219.227	208.313	5220.687
8/14/09	8:25:00	11020	9.586	10.422	209.773	5219.227	208.313	5220.687
8/14/09	8:30:00	11025	9.584	10.422	209.777	5219.223	208.317	5220.683
8/14/09	8:35:00	11030	9.584	10.423	209.778	5219.222	208.318	5220.682
8/14/09	8:40:00	11035	9.578	10.421	209.791	5219.209	208.331	5220.669
8/14/09	8:45:00	11040	9.575	10.420	209.799	5219.201	208.339	5220.661
8/14/09	8:50:00	11045	9.576	10.419	209.795	5219.205	208.335	5220.665
8/14/09	8:55:00	11050	9.573	10.425	209.802	5219.198	208.342	5220.658
8/14/09	9:00:00	11055	9.569	10.422	209.811	5219.189	208.351	5220.649
8/14/09	9:05:00	11060	9.567	10.421	209.816	5219.184	208.356	5220.644
8/14/09	9:10:00	11065	9.561	10.422	209.831	5219.169	208.371	5220.629
8/14/09	9:15:00	11070	9.557	10.424	209.839	5219.161	208.379	5220.621
8/14/09	9:20:00	11075	9.556	10.425	209.842	5219.158	208.382	5220.618
8/14/09	9:25:00	11080	9.549	10.425	209.858	5219.142	208.398	5220.602
8/14/09	9:30:00	11085	9.541	10.426	209.875	5219.125	208.415	5220.585
8/14/09	9:35:00	11090	9.535	10.430	209.891	5219.109	208.431	5220.569
8/14/09	9:40:00	11095	9.528	10.427	209.907	5219.093	208.447	5220.553
8/14/09	9:45:00	11100	9.523	10.425	209.919	5219.081	208.459	5220.541
8/14/09	9:50:00	11105	9.519	10.417	209.928	5219.072	208.468	5220.532
8/14/09	9:55:00	11110	9.518	10.417	209.930	5219.070	208.470	5220.530
8/14/09	10:00:00	11115	9.510	10.418	209.947	5219.053	208.487	5220.513
8/14/09	10:05:00	11120	9.505	10.420	209.960	5219.040	208.500	5220.500
8/14/09	10:10:00	11125	9.503	10.419	209.965	5219.035	208.505	5220.495
8/14/09	10:15:00	11130	9.501	10.419	209.969	5219.031	208.509	5220.491
8/14/09	10:20:00	11135	9.498	10.423	209.975	5219.025	208.515	5220.485
8/14/09	10:25:00	11140	9.493	10.421	209.987	5219.013	208.527	5220.473
8/14/09	10:30:00	11145	9.490	10.425	209.993	5219.007	208.533	5220.467
8/14/09	10:35:00	11150	9.488	10.422	209.999	5219.001	208.539	5220.461
8/14/09	10:40:00	11155	9.478	10.417	210.021	5218.979	208.561	5220.439
8/14/09	10:45:00	11160	9.468	10.416	210.046	5218.954	208.586	5220.414
8/14/09	10:50:00	11165	9.462	10.415	210.058	5218.942	208.598	5220.402
8/14/09	10:55:00	11170	9.455	10.412	210.074	5218.926	208.614	5220.386
8/14/09	11:00:00	11175	9.451	10.415	210.084	5218.916	208.624	5220.376

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	11:05:00	11180	9.447	10.421	210.093	5218.907	208.633	5220.367
8/14/09	11:10:00	11185	9.446	10.416	210.095	5218.905	208.635	5220.365
8/14/09	11:15:00	11190	9.443	10.418	210.103	5218.897	208.643	5220.357
8/14/09	11:20:00	11195	9.690	10.438	209.533	5219.467	208.073	5220.927
8/14/09	11:25:00	11200	9.684	10.456	209.547	5219.453	208.087	5220.913
8/14/09	11:30:00	11205	9.693	10.464	209.525	5219.475	208.065	5220.935
8/14/09	11:35:00	11210	9.703	10.470	209.502	5219.498	208.042	5220.958
8/14/09	11:40:00	11215	9.710	10.474	209.486	5219.514	208.026	5220.974
8/14/09	11:45:00	11220	9.717	10.499	209.470	5219.530	208.010	5220.990
8/14/09	11:50:00	11225	9.705	10.512	209.498	5219.502	208.038	5220.962
8/14/09	11:55:00	11230	9.715	10.512	209.475	5219.525	208.015	5220.985
8/14/09	11:57:28	0	9.716	10.502	209.483	5219.517	208.023	5220.977
8/14/09	11:57:33	0.083	9.715	10.501	209.485	5219.515	208.025	5220.975
8/14/09	11:57:38	0.167	9.715	10.503	209.484	5219.516	208.024	5220.976
8/14/09	11:57:43	0.25	9.714	10.503	209.488	5219.512	208.028	5220.972
8/14/09	11:57:49	0.336	9.721	10.518	209.470	5219.530	208.010	5220.990
8/14/09	11:57:54	0.419	9.715	10.519	209.485	5219.515	208.025	5220.975
8/14/09	11:57:59	0.502	9.714	10.518	209.486	5219.514	208.026	5220.974
8/14/09	11:58:04	0.586	9.716	10.520	209.482	5219.518	208.022	5220.978
8/14/09	11:58:09	0.669	9.715	10.521	209.484	5219.516	208.024	5220.976
8/14/09	11:58:14	0.753	9.713	10.523	209.489	5219.511	208.029	5220.971
8/14/09	11:58:19	0.835	9.714	10.528	209.487	5219.513	208.027	5220.973
8/14/09	11:58:23	0.917	9.716	10.525	209.483	5219.517	208.023	5220.977
8/14/09	11:58:29	1.003	9.715	10.525	209.486	5219.514	208.026	5220.974
8/14/09	11:58:34	1.085	9.714	10.525	209.488	5219.512	208.028	5220.972
8/14/09	11:58:38	1.167	9.713	10.527	209.489	5219.511	208.029	5220.971
8/14/09	11:58:43	1.25	9.713	10.529	209.488	5219.512	208.028	5220.972
8/14/09	11:58:48	1.333	9.714	10.529	209.487	5219.513	208.027	5220.973
8/14/09	11:58:53	1.417	9.716	10.526	209.482	5219.518	208.022	5220.978
8/14/09	11:58:58	1.5	9.715	10.529	209.485	5219.515	208.025	5220.975
8/14/09	11:59:03	1.583	9.714	10.530	209.486	5219.514	208.026	5220.974
8/14/09	11:59:08	1.667	9.718	10.531	209.479	5219.521	208.019	5220.981
8/14/09	11:59:13	1.75	9.716	10.531	209.483	5219.517	208.023	5220.977
8/14/09	11:59:18	1.833	9.714	10.529	209.488	5219.512	208.028	5220.972
8/14/09	11:59:23	1.917	9.716	10.528	209.483	5219.517	208.023	5220.977
8/14/09	11:59:28	2	9.717	10.530	209.480	5219.520	208.020	5220.980
8/14/09	11:59:33	2.083	9.713	10.529	209.489	5219.511	208.029	5220.971
8/14/09	11:59:38	2.167	9.717	10.531	209.481	5219.519	208.021	5220.979
8/14/09	11:59:43	2.25	9.715	10.532	209.486	5219.514	208.026	5220.974
8/14/09	11:59:48	2.333	9.716	10.531	209.482	5219.518	208.022	5220.978
8/14/09	11:59:53	2.417	9.716	10.530	209.482	5219.518	208.022	5220.978
8/14/09	11:59:58	2.5	9.719	10.533	209.475	5219.525	208.015	5220.985
8/14/09	12:00:03	2.583	9.718	10.532	209.479	5219.521	208.019	5220.981
8/14/09	12:00:08	2.667	9.717	10.532	209.481	5219.519	208.021	5220.979
8/14/09	12:00:13	2.75	9.718	10.532	209.478	5219.522	208.018	5220.982
8/14/09	12:00:18	2.833	9.717	10.532	209.481	5219.519	208.021	5220.979
8/14/09	12:00:23	2.917	9.718	10.531	209.479	5219.521	208.019	5220.981
8/14/09	12:00:28	3	9.717	10.531	209.481	5219.519	208.021	5220.979
8/14/09	12:00:33	3.083	9.719	10.532	209.476	5219.524	208.016	5220.984
8/14/09	12:00:38	3.167	9.714	10.533	209.487	5219.513	208.027	5220.973
8/14/09	12:00:43	3.25	9.716	10.533	209.483	5219.517	208.023	5220.977
8/14/09	12:00:48	3.333	9.715	10.533	209.484	5219.516	208.024	5220.976

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:00:53	3.417	9.717	10.529	209.480	5219.520	208.020	5220.980
8/14/09	12:00:58	3.5	9.718	10.532	209.478	5219.522	208.018	5220.982
8/14/09	12:01:03	3.583	9.716	10.534	209.484	5219.516	208.024	5220.976
8/14/09	12:01:09	3.669	9.717	10.532	209.480	5219.520	208.020	5220.980
8/14/09	12:01:14	3.753	9.719	10.529	209.477	5219.523	208.017	5220.983
8/14/09	12:01:18	3.833	9.719	10.533	209.476	5219.524	208.016	5220.984
8/14/09	12:01:23	3.917	9.715	10.532	209.485	5219.515	208.025	5220.975
8/14/09	12:01:28	4	9.715	10.534	209.485	5219.515	208.025	5220.975
8/14/09	12:01:33	4.083	9.716	10.532	209.482	5219.518	208.022	5220.978
8/14/09	12:01:38	4.167	9.715	10.534	209.484	5219.516	208.024	5220.976
8/14/09	12:01:43	4.25	9.716	10.533	209.482	5219.518	208.022	5220.978
8/14/09	12:01:48	4.333	9.714	10.533	209.488	5219.512	208.028	5220.972
8/14/09	12:01:53	4.417	9.716	10.531	209.482	5219.518	208.022	5220.978
8/14/09	12:01:58	4.5	9.716	10.535	209.484	5219.516	208.024	5220.976
8/14/09	12:02:03	4.583	9.717	10.533	209.481	5219.519	208.021	5220.979
8/14/09	12:02:08	4.667	9.712	10.534	209.491	5219.509	208.031	5220.969
8/14/09	12:02:13	4.75	9.715	10.533	209.486	5219.514	208.026	5220.974
8/14/09	12:02:18	4.833	9.714	10.532	209.488	5219.512	208.028	5220.972
8/14/09	12:02:23	4.917	9.713	10.535	209.490	5219.510	208.030	5220.970
8/14/09	12:02:28	5	9.715	10.533	209.486	5219.514	208.026	5220.974
8/14/09	12:02:33	5.083	9.715	10.532	209.486	5219.514	208.026	5220.974
8/14/09	12:02:38	5.167	9.712	10.532	209.493	5219.507	208.033	5220.967
8/14/09	12:02:43	5.25	9.710	10.534	209.496	5219.504	208.036	5220.964
8/14/09	12:02:48	5.333	9.714	10.533	209.487	5219.513	208.027	5220.973
8/14/09	12:02:53	5.417	9.708	10.533	209.500	5219.500	208.040	5220.960
8/14/09	12:02:58	5.5	9.625	10.534	209.692	5219.308	208.232	5220.768
8/14/09	12:03:03	5.583	9.515	10.532	209.946	5219.054	208.486	5220.514
8/14/09	12:03:08	5.667	9.444	10.538	210.111	5218.889	208.651	5220.349
8/14/09	12:03:13	5.75	9.380	10.532	210.258	5218.742	208.798	5220.202
8/14/09	12:03:18	5.833	9.321	10.537	210.395	5218.605	208.935	5220.065
8/14/09	12:03:24	5.918	9.267	10.534	210.518	5218.482	209.058	5219.942
8/14/09	12:03:28	6	9.218	10.544	210.632	5218.368	209.172	5219.828
8/14/09	12:03:34	6.086	9.170	10.530	210.743	5218.257	209.283	5219.717
8/14/09	12:03:38	6.167	9.132	10.534	210.831	5218.169	209.371	5219.629
8/14/09	12:03:43	6.251	9.092	10.534	210.924	5218.076	209.464	5219.536
8/14/09	12:03:48	6.334	9.053	10.535	211.013	5217.987	209.553	5219.447
8/14/09	12:03:53	6.417	9.011	10.536	211.110	5217.890	209.650	5219.350
8/14/09	12:03:58	6.501	8.973	10.533	211.197	5217.803	209.737	5219.263
8/14/09	12:04:03	6.584	8.938	10.533	211.280	5217.720	209.820	5219.180
8/14/09	12:04:08	6.667	8.901	10.535	211.365	5217.635	209.905	5219.095
8/14/09	12:04:13	6.751	8.860	10.535	211.460	5217.540	210.000	5219.000
8/14/09	12:04:18	6.834	8.826	10.536	211.539	5217.461	210.079	5218.921
8/14/09	12:04:23	6.917	8.784	10.534	211.635	5217.365	210.175	5218.825
8/14/09	12:04:28	7.001	8.749	10.536	211.714	5217.286	210.254	5218.746
8/14/09	12:04:33	7.084	8.711	10.534	211.803	5217.197	210.343	5218.657
8/14/09	12:04:38	7.167	8.670	10.535	211.898	5217.102	210.438	5218.562
8/14/09	12:04:43	7.251	8.638	10.533	211.972	5217.028	210.512	5218.488
8/14/09	12:04:48	7.334	8.595	10.536	212.070	5216.930	210.610	5218.390
8/14/09	12:04:54	7.418	8.560	10.533	212.151	5216.849	210.691	5218.309
8/14/09	12:04:59	7.501	8.515	10.535	212.256	5216.744	210.796	5218.204
8/14/09	12:05:04	7.585	8.487	10.533	212.320	5216.680	210.860	5218.140
8/14/09	12:05:09	7.668	8.446	10.537	212.414	5216.586	210.954	5218.046

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:05:14	7.752	8.411	10.537	212.497	5216.503	211.037	5217.963
8/14/09	12:05:19	7.835	8.373	10.535	212.585	5216.415	211.125	5217.875
8/14/09	12:05:24	7.918	8.332	10.537	212.678	5216.322	211.218	5217.782
8/14/09	12:05:29	8.001	8.288	10.533	212.779	5216.221	211.319	5217.681
8/14/09	12:05:34	8.085	8.257	10.534	212.852	5216.148	211.392	5217.608
8/14/09	12:05:39	8.168	8.221	10.536	212.934	5216.066	211.474	5217.526
8/14/09	12:05:44	8.252	8.181	10.534	213.027	5215.973	211.567	5217.433
8/14/09	12:05:49	8.335	8.142	10.535	213.118	5215.882	211.658	5217.342
8/14/09	12:05:54	8.418	8.101	10.535	213.211	5215.789	211.751	5217.249
8/14/09	12:05:59	8.501	8.062	10.532	213.301	5215.699	211.841	5217.159
8/14/09	12:06:04	8.585	8.028	10.535	213.381	5215.619	211.921	5217.079
8/14/09	12:06:08	8.667	7.987	10.547	213.475	5215.525	212.015	5216.985
8/14/09	12:06:13	8.75	7.953	10.537	213.553	5215.447	212.093	5216.907
8/14/09	12:06:19	8.835	7.912	10.537	213.647	5215.353	212.187	5216.813
8/14/09	12:06:24	8.918	7.867	10.537	213.752	5215.248	212.292	5216.708
8/14/09	12:06:29	9.002	7.830	10.536	213.837	5215.163	212.377	5216.623
8/14/09	12:06:34	9.085	7.794	10.536	213.921	5215.079	212.461	5216.539
8/14/09	12:06:39	9.168	7.756	10.535	214.008	5214.992	212.548	5216.452
8/14/09	12:06:44	9.252	7.715	10.537	214.104	5214.896	212.644	5216.356
8/14/09	12:06:49	9.335	7.678	10.538	214.188	5214.812	212.728	5216.272
8/14/09	12:06:54	9.418	7.639	10.537	214.278	5214.722	212.818	5216.182
8/14/09	12:06:59	9.502	7.600	10.540	214.369	5214.631	212.909	5216.091
8/14/09	12:07:04	9.585	7.560	10.538	214.461	5214.539	213.001	5215.999
8/14/09	12:07:09	9.668	7.520	10.538	214.554	5214.446	213.094	5215.906
8/14/09	12:07:14	9.752	7.479	10.541	214.647	5214.353	213.187	5215.813
8/14/09	12:07:19	9.835	7.445	10.542	214.726	5214.274	213.266	5215.734
8/14/09	12:07:24	9.918	7.407	10.541	214.815	5214.185	213.355	5215.645
8/14/09	12:07:29	10.002	7.367	10.543	214.907	5214.093	213.447	5215.553
8/14/09	12:07:34	10.085	7.324	10.545	215.007	5213.994	213.547	5215.454
8/14/09	12:07:39	10.168	7.287	10.546	215.091	5213.909	213.631	5215.369
8/14/09	12:07:44	10.252	7.249	10.546	215.179	5213.821	213.719	5215.281
8/14/09	12:07:49	10.335	7.212	10.546	215.264	5213.736	213.804	5215.196
8/14/09	12:07:54	10.419	7.172	10.546	215.357	5213.643	213.897	5215.103
8/14/09	12:07:59	10.502	7.133	10.547	215.447	5213.553	213.987	5215.013
8/14/09	12:08:04	10.586	7.092	10.546	215.542	5213.458	214.082	5214.918
8/14/09	12:08:09	10.669	7.056	10.550	215.624	5213.376	214.164	5214.836
8/14/09	12:08:14	10.752	7.017	10.552	215.714	5213.286	214.254	5214.746
8/14/09	12:08:19	10.835	6.977	10.554	215.807	5213.193	214.347	5214.653
8/14/09	12:08:24	10.919	6.941	10.554	215.889	5213.111	214.429	5214.571
8/14/09	12:08:29	11.002	6.905	10.553	215.974	5213.026	214.514	5214.486
8/14/09	12:08:34	11.085	6.866	10.558	216.064	5212.936	214.604	5214.396
8/14/09	12:08:39	11.169	6.823	10.560	216.163	5212.837	214.703	5214.297
8/14/09	12:08:44	11.252	6.782	10.559	216.258	5212.742	214.798	5214.202
8/14/09	12:08:48	11.333	6.744	10.571	216.344	5212.656	214.884	5214.116
8/14/09	12:08:53	11.418	6.711	10.573	216.422	5212.578	214.962	5214.038
8/14/09	12:08:58	11.5	6.674	10.568	216.507	5212.493	215.047	5213.953
8/14/09	12:09:04	11.586	6.630	10.562	216.607	5212.393	215.147	5213.853
8/14/09	12:09:09	11.669	6.595	10.565	216.688	5212.312	215.228	5213.772
8/14/09	12:09:14	11.752	6.561	10.568	216.768	5212.232	215.308	5213.692
8/14/09	12:09:19	11.836	6.516	10.569	216.871	5212.129	215.411	5213.589
8/14/09	12:09:24	11.919	6.480	10.568	216.953	5212.047	215.493	5213.507
8/14/09	12:09:29	12.002	6.440	10.575	217.047	5211.953	215.587	5213.413

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:09:34	12.086	6.399	10.576	217.142	5211.858	215.682	5213.318
8/14/09	12:09:39	12.169	6.365	10.579	217.220	5211.780	215.760	5213.240
8/14/09	12:09:44	12.252	6.324	10.576	217.316	5211.684	215.856	5213.144
8/14/09	12:09:49	12.336	6.285	10.582	217.404	5211.596	215.944	5213.056
8/14/09	12:09:54	12.419	6.247	10.583	217.493	5211.507	216.033	5212.967
8/14/09	12:09:59	12.503	6.208	10.583	217.583	5211.417	216.123	5212.877
8/14/09	12:10:04	12.586	6.168	10.587	217.675	5211.325	216.215	5212.785
8/14/09	12:10:09	12.669	6.130	10.588	217.763	5211.237	216.303	5212.697
8/14/09	12:10:14	12.752	6.093	10.587	217.848	5211.152	216.388	5212.612
8/14/09	12:10:19	12.836	6.056	10.590	217.932	5211.068	216.472	5212.528
8/14/09	12:10:24	12.919	6.016	10.592	218.027	5210.973	216.567	5212.433
8/14/09	12:10:29	13.003	5.977	10.593	218.116	5210.884	216.656	5212.344
8/14/09	12:10:34	13.086	5.939	10.596	218.205	5210.795	216.745	5212.255
8/14/09	12:10:39	13.169	5.903	10.597	218.287	5210.713	216.827	5212.173
8/14/09	12:10:44	13.252	5.865	10.601	218.374	5210.626	216.914	5212.086
8/14/09	12:10:49	13.336	5.824	10.601	218.469	5210.531	217.009	5211.991
8/14/09	12:10:54	13.419	5.787	10.603	218.555	5210.445	217.095	5211.905
8/14/09	12:10:59	13.503	5.746	10.602	218.649	5210.351	217.189	5211.811
8/14/09	12:11:04	13.586	5.711	10.604	218.730	5210.270	217.270	5211.730
8/14/09	12:11:09	13.669	5.672	10.610	218.820	5210.180	217.360	5211.640
8/14/09	12:11:14	13.753	5.633	10.610	218.910	5210.090	217.450	5211.550
8/14/09	12:11:19	13.836	5.596	10.611	218.996	5210.004	217.536	5211.464
8/14/09	12:11:23	13.917	5.560	10.620	219.078	5209.922	217.618	5211.382
8/14/09	12:11:28	14.001	5.521	10.624	219.169	5209.831	217.709	5211.291
8/14/09	12:11:33	14.083	5.482	10.622	219.258	5209.742	217.798	5211.202
8/14/09	12:11:39	14.169	5.444	10.620	219.346	5209.654	217.886	5211.114
8/14/09	12:11:44	14.253	5.408	10.623	219.430	5209.570	217.970	5211.030
8/14/09	12:11:49	14.336	5.368	10.628	219.521	5209.479	218.061	5210.939
8/14/09	12:11:54	14.419	5.329	10.633	219.611	5209.389	218.151	5210.849
8/14/09	12:11:59	14.503	5.293	10.633	219.695	5209.305	218.235	5210.765
8/14/09	12:12:04	14.586	5.255	10.638	219.783	5209.217	218.323	5210.677
8/14/09	12:12:09	14.669	5.215	10.643	219.876	5209.124	218.416	5210.584
8/14/09	12:12:14	14.752	5.177	10.646	219.964	5209.036	218.504	5210.496
8/14/09	12:12:19	14.836	5.137	10.647	220.056	5208.944	218.596	5210.404
8/14/09	12:12:24	14.919	5.100	10.649	220.142	5208.858	218.682	5210.318
8/14/09	12:12:29	15.003	5.061	10.653	220.231	5208.769	218.771	5210.229
8/14/09	12:12:34	15.086	5.022	10.657	220.321	5208.679	218.861	5210.139
8/14/09	12:12:39	15.169	4.985	10.662	220.407	5208.593	218.947	5210.053
8/14/09	12:12:44	15.252	4.947	10.662	220.494	5208.506	219.034	5209.966
8/14/09	12:12:49	15.336	4.912	10.662	220.575	5208.425	219.115	5209.885
8/14/09	12:12:54	15.419	4.871	10.663	220.670	5208.330	219.210	5209.790
8/14/09	12:12:59	15.503	4.836	10.667	220.751	5208.249	219.291	5209.709
8/14/09	12:13:04	15.586	4.800	10.666	220.833	5208.167	219.373	5209.627
8/14/09	12:13:09	15.669	4.762	10.669	220.921	5208.079	219.461	5209.539
8/14/09	12:13:14	15.753	4.721	10.670	221.015	5207.985	219.555	5209.445
8/14/09	12:13:19	15.836	4.681	10.673	221.109	5207.891	219.649	5209.351
8/14/09	12:13:24	15.919	4.645	10.679	221.191	5207.809	219.731	5209.269
8/14/09	12:13:29	16.003	4.605	10.677	221.283	5207.717	219.823	5209.177
8/14/09	12:13:34	16.086	4.566	10.680	221.373	5207.627	219.913	5209.087
8/14/09	12:13:39	16.169	4.531	10.679	221.455	5207.545	219.995	5209.005
8/14/09	12:13:44	16.253	4.489	10.684	221.551	5207.449	220.091	5208.909
8/14/09	12:13:49	16.336	4.453	10.683	221.635	5207.365	220.175	5208.825

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:13:54	16.419	4.417	10.687	221.719	5207.281	220.259	5208.741
8/14/09	12:13:59	16.503	4.375	10.685	221.814	5207.186	220.354	5208.646
8/14/09	12:14:04	16.586	4.338	10.689	221.901	5207.099	220.441	5208.559
8/14/09	12:14:09	16.67	4.300	10.693	221.988	5207.012	220.528	5208.472
8/14/09	12:14:13	16.751	4.262	10.707	222.076	5206.924	220.616	5208.384
8/14/09	12:14:19	16.835	4.232	10.709	222.145	5206.855	220.685	5208.315
8/14/09	12:14:23	16.917	4.191	10.704	222.239	5206.761	220.779	5208.221
8/14/09	12:14:29	17.003	4.157	10.700	222.318	5206.682	220.858	5208.142
8/14/09	12:14:34	17.086	4.115	10.705	222.415	5206.585	220.955	5208.045
8/14/09	12:14:39	17.169	4.074	10.704	222.509	5206.491	221.049	5207.951
8/14/09	12:14:44	17.253	4.039	10.705	222.592	5206.408	221.132	5207.868
8/14/09	12:14:49	17.336	3.999	10.707	222.683	5206.317	221.223	5207.777
8/14/09	12:14:54	17.419	3.960	10.708	222.772	5206.228	221.312	5207.688
8/14/09	12:14:59	17.503	3.923	10.713	222.860	5206.140	221.400	5207.600
8/14/09	12:15:04	17.586	3.886	10.712	222.943	5206.057	221.483	5207.517
8/14/09	12:15:09	17.67	3.847	10.718	223.035	5205.965	221.575	5207.425
8/14/09	12:15:14	17.753	3.808	10.716	223.125	5205.875	221.665	5207.335
8/14/09	12:15:19	17.836	3.769	10.716	223.214	5205.786	221.754	5207.246
8/14/09	12:15:24	17.919	3.733	10.715	223.298	5205.702	221.838	5207.162
8/14/09	12:15:29	18.003	3.695	10.717	223.386	5205.614	221.926	5207.074
8/14/09	12:15:34	18.086	3.656	10.721	223.475	5205.525	222.015	5206.985
8/14/09	12:15:39	18.17	3.617	10.723	223.564	5205.436	222.104	5206.896
8/14/09	12:15:44	18.253	3.579	10.723	223.652	5205.348	222.192	5206.808
8/14/09	12:15:49	18.336	3.545	10.726	223.731	5205.269	222.271	5206.729
8/14/09	12:15:54	18.419	3.502	10.730	223.831	5205.169	222.371	5206.629
8/14/09	12:15:59	18.503	3.463	10.730	223.920	5205.080	222.460	5206.540
8/14/09	12:16:04	18.586	3.426	10.733	224.006	5204.994	222.546	5206.454
8/14/09	12:16:09	18.67	3.387	10.735	224.096	5204.904	222.636	5206.364
8/14/09	12:16:14	18.753	3.352	10.738	224.177	5204.823	222.717	5206.283
8/14/09	12:16:19	18.836	3.313	10.741	224.267	5204.733	222.807	5206.193
8/14/09	12:16:24	18.919	3.276	10.744	224.351	5204.649	222.891	5206.109
8/14/09	12:16:29	19.003	3.238	10.746	224.440	5204.560	222.980	5206.020
8/14/09	12:16:34	19.086	3.199	10.746	224.530	5204.470	223.070	5205.930
8/14/09	12:16:39	19.17	3.159	10.748	224.622	5204.378	223.162	5205.838
8/14/09	12:16:44	19.253	3.122	10.754	224.708	5204.292	223.248	5205.752
8/14/09	12:16:49	19.336	3.083	10.755	224.799	5204.201	223.339	5205.661
8/14/09	12:16:54	19.42	3.047	10.756	224.881	5204.119	223.421	5205.579
8/14/09	12:16:58	19.5	3.010	10.770	224.966	5204.034	223.506	5205.494
8/14/09	12:17:04	19.585	2.970	10.772	225.060	5203.940	223.600	5205.400
8/14/09	12:17:08	19.667	2.935	10.771	225.140	5203.860	223.680	5205.320
8/14/09	12:17:14	19.753	2.897	10.772	225.228	5203.772	223.768	5205.232
8/14/09	12:17:19	19.836	2.860	10.774	225.312	5203.688	223.852	5205.148
8/14/09	12:17:24	19.92	2.826	10.775	225.392	5203.608	223.932	5205.068
8/14/09	12:17:29	20.003	2.787	10.780	225.481	5203.519	224.021	5204.979
8/14/09	12:17:34	20.086	2.751	10.784	225.565	5203.435	224.105	5204.895
8/14/09	12:17:39	20.169	2.716	10.787	225.645	5203.355	224.185	5204.815
8/14/09	12:17:44	20.253	2.677	10.789	225.737	5203.263	224.277	5204.723
8/14/09	12:17:49	20.336	2.641	10.796	225.819	5203.181	224.359	5204.641
8/14/09	12:17:54	20.42	2.604	10.796	225.904	5203.096	224.444	5204.556
8/14/09	12:17:59	20.503	2.570	10.798	225.983	5203.017	224.523	5204.477
8/14/09	12:18:04	20.586	2.529	10.803	226.076	5202.924	224.616	5204.384
8/14/09	12:18:09	20.669	2.492	10.805	226.162	5202.838	224.702	5204.298

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:18:14	20.753	2.455	10.807	226.247	5202.753	224.787	5204.213
8/14/09	12:18:19	20.836	2.419	10.812	226.330	5202.670	224.870	5204.130
8/14/09	12:18:24	20.92	2.383	10.814	226.415	5202.585	224.955	5204.045
8/14/09	12:18:29	21.003	2.347	10.818	226.497	5202.503	225.037	5203.963
8/14/09	12:18:34	21.086	2.308	10.822	226.587	5202.413	225.127	5203.873
8/14/09	12:18:39	21.17	2.272	10.824	226.671	5202.329	225.211	5203.789
8/14/09	12:18:44	21.253	2.234	10.825	226.759	5202.241	225.299	5203.701
8/14/09	12:18:49	21.336	2.196	10.832	226.846	5202.154	225.386	5203.614
8/14/09	12:18:54	21.419	2.158	10.833	226.933	5202.067	225.473	5203.527
8/14/09	12:18:59	21.503	2.124	10.837	227.013	5201.987	225.553	5203.447
8/14/09	12:19:04	21.586	2.085	10.840	227.102	5201.898	225.642	5203.358
8/14/09	12:19:09	21.67	2.049	10.844	227.184	5201.816	225.724	5203.276
8/14/09	12:19:14	21.753	2.010	10.847	227.275	5201.725	225.815	5203.185
8/14/09	12:19:19	21.836	1.972	10.849	227.362	5201.638	225.902	5203.098
8/14/09	12:19:24	21.92	1.933	10.855	227.452	5201.548	225.992	5203.008
8/14/09	12:19:29	22.003	1.898	10.858	227.534	5201.466	226.074	5202.926
8/14/09	12:19:34	22.086	1.862	10.862	227.618	5201.382	226.158	5202.842
8/14/09	12:19:39	22.17	1.826	10.867	227.700	5201.300	226.240	5202.760
8/14/09	12:19:43	22.25	1.792	10.876	227.779	5201.221	226.319	5202.681
8/14/09	12:19:48	22.334	1.754	10.887	227.866	5201.134	226.406	5202.594
8/14/09	12:19:53	22.417	1.721	10.863	227.944	5201.056	226.484	5202.516
8/14/09	12:19:59	22.503	1.686	10.885	228.023	5200.977	226.563	5202.437
8/14/09	12:20:04	22.587	1.649	10.888	228.108	5200.892	226.648	5202.352
8/14/09	12:20:09	22.67	1.616	10.890	228.186	5200.814	226.726	5202.274
8/14/09	12:20:13	22.75	1.582	10.902	228.263	5200.737	226.803	5202.197
8/14/09	12:20:19	22.836	1.546	10.900	228.346	5200.654	226.886	5202.114
8/14/09	12:20:23	22.917	1.512	10.912	228.425	5200.575	226.965	5202.035
8/14/09	12:20:28	23	1.477	10.918	228.507	5200.493	227.047	5201.953
8/14/09	12:20:33	23.083	1.441	10.919	228.590	5200.410	227.130	5201.870
8/14/09	12:20:39	23.17	1.406	10.919	228.669	5200.331	227.209	5201.791
8/14/09	12:20:43	23.25	1.374	10.931	228.745	5200.255	227.285	5201.715
8/14/09	12:20:48	23.333	1.339	10.934	228.826	5200.174	227.366	5201.634
8/14/09	12:20:53	23.417	1.302	10.940	228.909	5200.091	227.449	5201.551
8/14/09	12:20:58	23.5	1.268	10.944	228.989	5200.011	227.529	5201.471
8/14/09	12:21:04	23.586	1.232	10.939	229.072	5199.928	227.612	5201.388
8/14/09	12:21:08	23.667	1.196	10.953	229.154	5199.846	227.694	5201.306
8/14/09	12:21:14	23.753	1.161	10.949	229.236	5199.764	227.776	5201.224
8/14/09	12:21:18	23.833	1.125	10.965	229.320	5199.680	227.860	5201.140
8/14/09	12:21:24	23.92	1.088	10.961	229.404	5199.596	227.944	5201.056
8/14/09	12:21:28	24	1.054	10.972	229.483	5199.517	228.023	5200.977
8/14/09	12:21:34	24.086	1.017	10.973	229.567	5199.433	228.107	5200.893
8/14/09	12:21:38	24.167	0.981	10.984	229.651	5199.349	228.191	5200.809
8/14/09	12:21:43	24.25	0.946	10.989	229.733	5199.267	228.273	5200.727
8/14/09	12:21:49	24.336	0.909	10.989	229.818	5199.182	228.358	5200.642
8/14/09	12:21:53	24.417	0.873	10.999	229.900	5199.100	228.440	5200.560
8/14/09	12:21:59	24.503	0.835	10.999	229.988	5199.012	228.528	5200.472
8/14/09	12:22:03	24.583	0.804	11.016	230.060	5198.940	228.600	5200.400
8/14/09	12:22:09	24.67	0.766	11.014	230.148	5198.852	228.688	5200.312
8/14/09	12:22:13	24.75	0.729	11.029	230.232	5198.768	228.772	5200.228
8/14/09	12:22:19	24.836	0.692	11.028	230.319	5198.681	228.859	5200.141
8/14/09	12:22:23	24.917	0.658	11.041	230.397	5198.603	228.937	5200.063
8/14/09	12:22:28	25	0.622	11.054	230.480	5198.520	229.020	5199.980

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:22:33	25.083	0.587	11.031	230.560	5198.440	229.100	5199.900
8/14/09	12:22:38	25.167	0.553	11.065	230.639	5198.361	229.179	5199.821
8/14/09	12:22:43	25.25	0.517	11.071	230.724	5198.276	229.264	5199.736
8/14/09	12:22:48	25.333	0.481	11.079	230.807	5198.193	229.347	5199.653
8/14/09	12:22:54	25.42	0.501	11.081	230.760	5198.240	229.300	5199.700
8/14/09	12:22:58	25.5	0.570	11.098	230.601	5198.399	229.141	5199.859
8/14/09	12:23:04	25.586	0.638	11.096	230.443	5198.557	228.983	5200.017
8/14/09	12:23:08	25.667	0.697	11.112	230.307	5198.693	228.847	5200.153
8/14/09	12:23:14	25.753	0.757	11.111	230.168	5198.832	228.708	5200.292
8/14/09	12:23:18	25.833	0.808	11.122	230.051	5198.949	228.591	5200.409
8/14/09	12:23:24	25.92	0.865	11.123	229.920	5199.080	228.460	5200.540
8/14/09	12:23:28	26	0.920	11.134	229.792	5199.208	228.332	5200.668
8/14/09	12:23:34	26.087	0.983	11.132	229.648	5199.352	228.188	5200.812
8/14/09	12:23:39	26.17	1.037	11.138	229.522	5199.478	228.062	5200.938
8/14/09	12:23:43	26.25	1.084	11.148	229.414	5199.586	227.954	5201.046
8/14/09	12:23:48	26.333	1.116	11.152	229.340	5199.660	227.880	5201.120
8/14/09	12:23:53	26.417	1.126	11.154	229.317	5199.683	227.857	5201.143
8/14/09	12:23:58	26.5	1.130	11.163	229.306	5199.694	227.846	5201.154
8/14/09	12:24:03	26.583	1.134	11.163	229.298	5199.702	227.838	5201.162
8/14/09	12:24:08	26.667	1.136	11.165	229.293	5199.707	227.833	5201.167
8/14/09	12:24:13	26.75	1.138	11.164	229.290	5199.710	227.830	5201.170
8/14/09	12:24:18	26.833	1.140	11.169	229.284	5199.716	227.824	5201.176
8/14/09	12:24:23	26.917	1.141	11.170	229.281	5199.719	227.821	5201.179
8/14/09	12:24:28	27	1.141	11.173	229.282	5199.718	227.822	5201.178
8/14/09	12:24:33	27.083	1.142	11.173	229.280	5199.720	227.820	5201.180
8/14/09	12:24:38	27.167	1.144	11.175	229.276	5199.724	227.816	5201.184
8/14/09	12:24:43	27.25	1.145	11.176	229.273	5199.727	227.813	5201.187
8/14/09	12:24:48	27.333	1.146	11.179	229.270	5199.730	227.810	5201.190
8/14/09	12:24:53	27.417	1.148	11.177	229.267	5199.733	227.807	5201.193
8/14/09	12:24:58	27.5	1.147	11.182	229.268	5199.732	227.808	5201.192
8/14/09	12:25:03	27.583	1.147	11.182	229.267	5199.733	227.807	5201.193
8/14/09	12:25:08	27.667	1.148	11.183	229.265	5199.735	227.805	5201.195
8/14/09	12:25:13	27.751	1.147	11.190	229.267	5199.733	227.807	5201.193
8/14/09	12:25:18	27.833	1.149	11.160	229.264	5199.736	227.804	5201.196
8/14/09	12:25:23	27.917	1.154	11.187	229.253	5199.747	227.793	5201.207
8/14/09	12:25:28	28	1.150	11.190	229.262	5199.738	227.802	5201.198
8/14/09	12:25:33	28.083	1.151	11.189	229.259	5199.741	227.799	5201.201
8/14/09	12:25:38	28.167	1.152	11.193	229.257	5199.743	227.797	5201.203
8/14/09	12:25:43	28.25	1.152	11.192	229.256	5199.744	227.796	5201.204
8/14/09	12:25:48	28.333	1.151	11.196	229.258	5199.742	227.798	5201.202
8/14/09	12:25:53	28.417	1.153	11.195	229.255	5199.745	227.795	5201.205
8/14/09	12:25:58	28.5	1.153	11.197	229.254	5199.746	227.794	5201.206
8/14/09	12:26:03	28.583	1.153	11.199	229.253	5199.747	227.793	5201.207
8/14/09	12:26:08	28.667	1.154	11.203	229.251	5199.749	227.791	5201.209
8/14/09	12:26:13	28.75	1.154	11.202	229.251	5199.749	227.791	5201.209
8/14/09	12:26:18	28.833	1.154	11.206	229.251	5199.749	227.791	5201.209
8/14/09	12:26:23	28.917	1.155	11.204	229.251	5199.749	227.791	5201.209
8/14/09	12:26:28	29	1.156	11.205	229.248	5199.752	227.788	5201.212
8/14/09	12:26:33	29.083	1.157	11.210	229.245	5199.755	227.785	5201.215
8/14/09	12:26:38	29.167	1.156	11.211	229.246	5199.754	227.786	5201.214
8/14/09	12:26:43	29.25	1.156	11.215	229.247	5199.753	227.787	5201.213
8/14/09	12:26:48	29.333	1.157	11.217	229.244	5199.756	227.784	5201.216

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:26:53	29.417	1.158	11.219	229.242	5199.758	227.782	5201.218
8/14/09	12:26:58	29.5	1.158	11.218	229.243	5199.757	227.783	5201.217
8/14/09	12:27:03	29.583	1.159	11.220	229.241	5199.759	227.781	5201.219
8/14/09	12:27:08	29.667	1.158	11.222	229.244	5199.756	227.784	5201.216
8/14/09	12:27:13	29.75	1.158	11.226	229.242	5199.758	227.782	5201.218
8/14/09	12:27:18	29.833	1.159	11.226	229.240	5199.760	227.780	5201.220
8/14/09	12:27:23	29.917	1.160	11.228	229.238	5199.762	227.778	5201.222
8/14/09	12:27:28	30	1.160	11.232	229.239	5199.761	227.779	5201.221
8/14/09	12:27:33	30.083	1.160	11.233	229.238	5199.762	227.778	5201.222
8/14/09	12:27:38	30.167	1.161	11.235	229.236	5199.764	227.776	5201.224
8/14/09	12:27:43	30.25	1.160	11.236	229.238	5199.762	227.778	5201.222
8/14/09	12:27:48	30.333	1.161	11.240	229.237	5199.763	227.777	5201.223
8/14/09	12:27:53	30.417	1.162	11.238	229.233	5199.767	227.773	5201.227
8/14/09	12:27:58	30.501	1.160	11.241	229.237	5199.763	227.777	5201.223
8/14/09	12:28:03	30.583	1.162	11.211	229.233	5199.767	227.773	5201.227
8/14/09	12:28:08	30.667	1.162	11.237	229.233	5199.767	227.773	5201.227
8/14/09	12:28:13	30.75	1.162	11.238	229.234	5199.766	227.774	5201.226
8/14/09	12:28:18	30.833	1.163	11.245	229.232	5199.768	227.772	5201.228
8/14/09	12:28:23	30.917	1.164	11.241	229.229	5199.771	227.769	5201.231
8/14/09	12:28:28	31	1.162	11.244	229.233	5199.767	227.773	5201.227
8/14/09	12:28:33	31.083	1.163	11.243	229.232	5199.768	227.772	5201.228
8/14/09	12:28:38	31.167	1.164	11.247	229.230	5199.770	227.770	5201.230
8/14/09	12:28:43	31.25	1.164	11.249	229.229	5199.771	227.769	5201.231
8/14/09	12:28:48	31.333	1.161	11.250	229.236	5199.764	227.776	5201.224
8/14/09	12:28:53	31.417	1.165	11.249	229.228	5199.772	227.768	5201.232
8/14/09	12:28:58	31.5	1.165	11.251	229.227	5199.773	227.767	5201.233
8/14/09	12:29:03	31.584	1.162	11.249	229.232	5199.768	227.772	5201.228
8/14/09	12:29:08	31.667	1.165	11.252	229.227	5199.773	227.767	5201.233
8/14/09	12:29:13	31.75	1.165	11.253	229.228	5199.772	227.768	5201.232
8/14/09	12:29:18	31.834	1.164	11.256	229.229	5199.771	227.769	5201.231
8/14/09	12:29:23	31.917	1.165	11.254	229.226	5199.774	227.766	5201.234
8/14/09	12:29:28	32	1.164	11.255	229.229	5199.771	227.769	5201.231
8/14/09	12:29:33	32.084	1.167	11.257	229.223	5199.777	227.763	5201.237
8/14/09	12:29:38	32.167	1.166	11.255	229.224	5199.776	227.764	5201.236
8/14/09	12:29:43	32.25	1.166	11.255	229.225	5199.775	227.765	5201.235
8/14/09	12:29:48	32.334	1.166	11.256	229.224	5199.776	227.764	5201.236
8/14/09	12:29:53	32.417	1.166	11.256	229.223	5199.777	227.763	5201.237
8/14/09	12:29:58	32.5	1.168	11.257	229.220	5199.780	227.760	5201.240
8/14/09	12:30:03	32.584	1.166	11.261	229.225	5199.775	227.765	5201.235
8/14/09	12:30:08	32.667	1.167	11.257	229.222	5199.778	227.762	5201.238
8/14/09	12:30:13	32.75	1.168	11.259	229.220	5199.780	227.760	5201.240
8/14/09	12:30:18	32.834	1.168	11.259	229.221	5199.779	227.761	5201.239
8/14/09	12:30:23	32.917	1.166	11.259	229.225	5199.775	227.765	5201.235
8/14/09	12:30:28	33.001	1.168	11.259	229.220	5199.780	227.760	5201.240
8/14/09	12:30:33	33.083	1.168	11.231	229.221	5199.779	227.761	5201.239
8/14/09	12:30:38	33.167	1.168	11.231	229.221	5199.779	227.761	5201.239
8/14/09	12:30:43	33.25	1.167	11.263	229.222	5199.778	227.762	5201.238
8/14/09	12:30:48	33.334	1.168	11.261	229.220	5199.780	227.760	5201.240
8/14/09	12:30:53	33.417	1.169	11.263	229.218	5199.782	227.758	5201.242
8/14/09	12:30:58	33.5	1.169	11.264	229.218	5199.782	227.758	5201.242
8/14/09	12:31:03	33.584	1.168	11.261	229.219	5199.781	227.759	5201.241
8/14/09	12:31:08	33.667	1.171	11.264	229.214	5199.786	227.754	5201.246

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:31:13	33.75	1.169	11.264	229.218	5199.782	227.758	5201.242
8/14/09	12:31:18	33.834	1.169	11.262	229.217	5199.783	227.757	5201.243
8/14/09	12:31:23	33.917	1.170	11.264	229.214	5199.786	227.754	5201.246
8/14/09	12:31:28	34	1.169	11.263	229.217	5199.783	227.757	5201.243
8/14/09	12:31:33	34.084	1.169	11.265	229.218	5199.782	227.758	5201.242
8/14/09	12:31:38	34.167	1.171	11.262	229.212	5199.788	227.752	5201.248
8/14/09	12:31:43	34.251	1.170	11.263	229.215	5199.785	227.755	5201.245
8/14/09	12:31:48	34.334	1.169	11.261	229.217	5199.783	227.757	5201.243
8/14/09	12:31:53	34.418	1.170	11.265	229.214	5199.786	227.754	5201.246
8/14/09	12:31:58	34.501	1.172	11.263	229.210	5199.790	227.750	5201.250
8/14/09	12:32:04	34.585	1.171	11.263	229.213	5199.787	227.753	5201.247
8/14/09	12:32:09	34.668	1.172	11.263	229.211	5199.789	227.751	5201.249
8/14/09	12:32:14	34.752	1.172	11.264	229.211	5199.789	227.751	5201.249
8/14/09	12:32:19	34.835	1.172	11.264	229.210	5199.790	227.750	5201.250
8/14/09	12:32:24	34.919	1.172	11.264	229.210	5199.790	227.750	5201.250
8/14/09	12:32:29	35.002	1.174	11.262	229.206	5199.794	227.746	5201.254
8/14/09	12:32:34	35.085	1.174	11.263	229.207	5199.793	227.747	5201.253
8/14/09	12:32:39	35.169	1.173	11.264	229.209	5199.791	227.749	5201.251
8/14/09	12:32:44	35.252	1.174	11.262	229.206	5199.794	227.746	5201.254
8/14/09	12:32:49	35.335	1.173	11.264	229.209	5199.791	227.749	5201.251
8/14/09	12:32:54	35.419	1.175	11.264	229.203	5199.797	227.743	5201.257
8/14/09	12:32:59	35.502	1.175	11.265	229.205	5199.795	227.745	5201.255
8/14/09	12:33:03	35.583	1.174	11.233	229.205	5199.795	227.745	5201.255
8/14/09	12:33:08	35.667	1.175	11.233	229.204	5199.796	227.744	5201.256
8/14/09	12:33:13	35.75	1.174	11.236	229.206	5199.794	227.746	5201.254
8/14/09	12:33:18	35.833	1.179	11.235	229.194	5199.806	227.734	5201.266
8/14/09	12:33:23	35.917	1.175	11.232	229.204	5199.796	227.744	5201.256
8/14/09	12:33:28	36	1.176	11.236	229.201	5199.799	227.741	5201.259
8/14/09	12:33:33	36.083	1.176	11.232	229.201	5199.799	227.741	5201.259
8/14/09	12:33:38	36.167	1.177	11.236	229.199	5199.801	227.739	5201.261
8/14/09	12:33:43	36.25	1.177	11.235	229.199	5199.801	227.739	5201.261
8/14/09	12:33:48	36.333	1.177	11.236	229.200	5199.800	227.740	5201.260
8/14/09	12:33:53	36.417	1.179	11.233	229.195	5199.805	227.735	5201.265
8/14/09	12:33:58	36.5	1.177	11.236	229.198	5199.802	227.738	5201.262
8/14/09	12:34:03	36.583	1.178	11.232	229.197	5199.803	227.737	5201.263
8/14/09	12:34:08	36.667	1.178	11.234	229.197	5199.803	227.737	5201.263
8/14/09	12:34:13	36.75	1.180	11.232	229.192	5199.808	227.732	5201.268
8/14/09	12:34:18	36.833	1.180	11.230	229.192	5199.808	227.732	5201.268
8/14/09	12:34:23	36.917	1.181	11.233	229.191	5199.809	227.731	5201.269
8/14/09	12:34:28	37	1.181	11.234	229.190	5199.810	227.730	5201.270
8/14/09	12:34:33	37.083	1.181	11.235	229.190	5199.810	227.730	5201.270
8/14/09	12:34:38	37.167	1.181	11.232	229.189	5199.811	227.729	5201.271
8/14/09	12:34:43	37.25	1.181	11.232	229.189	5199.811	227.729	5201.271
8/14/09	12:34:48	37.333	1.181	11.236	229.190	5199.810	227.730	5201.270
8/14/09	12:34:53	37.417	1.182	11.236	229.188	5199.812	227.728	5201.272
8/14/09	12:34:58	37.5	1.182	11.233	229.188	5199.812	227.728	5201.272
8/14/09	12:35:03	37.583	1.183	11.234	229.186	5199.814	227.726	5201.274
8/14/09	12:35:08	37.667	1.183	11.235	229.185	5199.815	227.725	5201.275
8/14/09	12:35:13	37.75	1.183	11.236	229.186	5199.814	227.726	5201.274
8/14/09	12:35:18	37.833	1.182	11.235	229.187	5199.813	227.727	5201.273
8/14/09	12:35:23	37.917	1.184	11.234	229.184	5199.816	227.724	5201.276
8/14/09	12:35:28	38	1.184	11.234	229.183	5199.817	227.723	5201.277

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:35:33	38.083	1.183	11.232	229.184	5199.816	227.724	5201.276
8/14/09	12:35:38	38.167	1.184	11.232	229.183	5199.817	227.723	5201.277
8/14/09	12:35:43	38.25	1.185	11.232	229.180	5199.820	227.720	5201.280
8/14/09	12:35:48	38.333	1.185	11.235	229.181	5199.819	227.721	5201.279
8/14/09	12:35:53	38.417	1.185	11.233	229.181	5199.819	227.721	5201.279
8/14/09	12:35:58	38.5	1.184	11.234	229.183	5199.817	227.723	5201.277
8/14/09	12:36:03	38.583	1.184	11.232	229.182	5199.818	227.722	5201.278
8/14/09	12:36:08	38.667	1.186	11.233	229.178	5199.822	227.718	5201.282
8/14/09	12:36:13	38.75	1.185	11.234	229.179	5199.821	227.719	5201.281
8/14/09	12:36:18	38.833	1.186	11.229	229.177	5199.823	227.717	5201.283
8/14/09	12:36:23	38.917	1.185	11.230	229.181	5199.819	227.721	5201.279
8/14/09	12:36:28	39	1.185	11.230	229.181	5199.819	227.721	5201.279
8/14/09	12:36:33	39.083	1.186	11.231	229.177	5199.823	227.717	5201.283
8/14/09	12:36:38	39.167	1.185	11.228	229.180	5199.820	227.720	5201.280
8/14/09	12:36:43	39.25	1.186	11.229	229.179	5199.821	227.719	5201.281
8/14/09	12:36:48	39.333	1.186	11.229	229.177	5199.823	227.717	5201.283
8/14/09	12:36:53	39.417	1.186	11.229	229.177	5199.823	227.717	5201.283
8/14/09	12:36:58	39.5	1.187	11.229	229.176	5199.824	227.716	5201.284
8/14/09	12:37:03	39.583	1.188	11.228	229.174	5199.826	227.714	5201.286
8/14/09	12:37:08	39.667	1.187	11.229	229.177	5199.823	227.717	5201.283
8/14/09	12:37:13	39.75	1.188	11.229	229.174	5199.826	227.714	5201.286
8/14/09	12:37:18	39.833	1.188	11.229	229.174	5199.826	227.714	5201.286
8/14/09	12:37:23	39.917	1.187	11.225	229.176	5199.824	227.716	5201.284
8/14/09	12:37:28	40	1.186	11.227	229.177	5199.823	227.717	5201.283
8/14/09	12:37:33	40.083	1.187	11.225	229.176	5199.824	227.716	5201.284
8/14/09	12:37:38	40.167	1.187	11.227	229.176	5199.824	227.716	5201.284
8/14/09	12:37:43	40.25	1.187	11.227	229.175	5199.825	227.715	5201.285
8/14/09	12:37:48	40.333	1.185	11.225	229.180	5199.820	227.720	5201.280
8/14/09	12:37:53	40.417	1.186	11.228	229.177	5199.823	227.717	5201.283
8/14/09	12:37:58	40.5	1.188	11.226	229.174	5199.826	227.714	5201.286
8/14/09	12:38:03	40.583	1.187	11.228	229.176	5199.824	227.716	5201.284
8/14/09	12:38:08	40.667	1.187	11.225	229.176	5199.824	227.716	5201.284
8/14/09	12:38:13	40.75	1.188	11.226	229.174	5199.826	227.714	5201.286
8/14/09	12:38:18	40.833	1.189	11.225	229.172	5199.828	227.712	5201.288
8/14/09	12:38:23	40.917	1.188	11.226	229.174	5199.826	227.714	5201.286
8/14/09	12:38:28	41	1.189	11.226	229.172	5199.828	227.712	5201.288
8/14/09	12:38:33	41.083	1.189	11.226	229.170	5199.830	227.710	5201.290
8/14/09	12:38:38	41.167	1.189	11.221	229.172	5199.828	227.712	5201.288
8/14/09	12:38:43	41.25	1.189	11.225	229.171	5199.829	227.711	5201.289
8/14/09	12:38:48	41.333	1.189	11.223	229.172	5199.828	227.712	5201.288
8/14/09	12:38:53	41.417	1.189	11.225	229.172	5199.828	227.712	5201.288
8/14/09	12:38:58	41.5	1.189	11.225	229.172	5199.828	227.712	5201.288
8/14/09	12:39:03	41.583	1.189	11.223	229.171	5199.829	227.711	5201.289
8/14/09	12:39:08	41.667	1.189	11.221	229.171	5199.829	227.711	5201.289
8/14/09	12:39:13	41.75	1.190	11.223	229.168	5199.832	227.708	5201.292
8/14/09	12:39:18	41.833	1.190	11.223	229.170	5199.830	227.710	5201.290
8/14/09	12:39:23	41.917	1.190	11.221	229.170	5199.830	227.710	5201.290
8/14/09	12:39:28	42	1.191	11.222	229.167	5199.833	227.707	5201.293
8/14/09	12:39:33	42.084	1.189	11.224	229.171	5199.829	227.711	5201.289
8/14/09	12:39:38	42.167	1.191	11.222	229.167	5199.833	227.707	5201.293
8/14/09	12:39:43	42.25	1.191	11.219	229.167	5199.833	227.707	5201.293
8/14/09	12:39:48	42.333	1.191	11.218	229.166	5199.834	227.706	5201.294

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	12:39:53	42.417	1.191	11.220	229.166	5199.834	227.706	5201.294
8/14/09	12:39:58	42.5	1.192	11.221	229.164	5199.836	227.704	5201.296
8/14/09	12:40:03	42.583	1.192	11.218	229.164	5199.836	227.704	5201.296
8/14/09	12:40:08	42.667	1.192	11.217	229.164	5199.836	227.704	5201.296
8/14/09	12:40:13	42.75	1.193	11.218	229.163	5199.837	227.703	5201.297
8/14/09	12:40:18	42.833	1.192	11.216	229.165	5199.835	227.705	5201.295
8/14/09	12:40:23	42.917	1.191	11.220	229.166	5199.834	227.706	5201.294
8/14/09	12:40:28	43	1.193	11.216	229.163	5199.837	227.703	5201.297
8/14/09	12:40:33	43.083	1.192	11.216	229.165	5199.835	227.705	5201.295
8/14/09	12:40:38	43.167	1.192	11.214	229.163	5199.837	227.703	5201.297
8/14/09	12:40:43	43.25	1.197	11.216	229.154	5199.846	227.694	5201.306
8/14/09	12:40:48	43.333	1.194	11.219	229.160	5199.840	227.700	5201.300
8/14/09	12:40:53	43.417	1.192	11.214	229.163	5199.837	227.703	5201.297
8/14/09	12:40:58	43.5	1.192	11.215	229.165	5199.835	227.705	5201.295
8/14/09	12:41:03	43.583	1.192	11.213	229.164	5199.836	227.704	5201.296
8/14/09	12:41:08	43.667	1.196	11.212	229.155	5199.845	227.695	5201.305
8/14/09	12:41:13	43.75	1.195	11.213	229.158	5199.842	227.698	5201.302
8/14/09	12:42:58	0	1.192	11.191	229.159	5199.841	227.699	5201.301
8/14/09	12:47:58	5	1.198	11.144	229.145	5199.855	227.685	5201.315
8/14/09	12:52:58	10	1.205	11.116	229.130	5199.870	227.670	5201.330
8/14/09	12:57:58	15	1.208	11.092	229.122	5199.878	227.662	5201.338
8/14/09	13:02:58	20	1.209	11.071	229.121	5199.879	227.661	5201.339
8/14/09	13:07:58	25	1.210	11.051	229.118	5199.882	227.658	5201.342
8/14/09	13:12:58	30	1.212	11.033	229.113	5199.887	227.653	5201.347
8/14/09	13:17:58	35	1.210	11.012	229.117	5199.883	227.657	5201.343
8/14/09	13:22:58	40	1.200	10.999	229.141	5199.859	227.681	5201.319
8/14/09	13:27:58	45	1.199	10.981	229.144	5199.856	227.684	5201.316
8/14/09	13:32:58	50	1.195	10.969	229.151	5199.849	227.691	5201.309
8/14/09	13:37:58	55	1.196	10.962	229.151	5199.849	227.691	5201.309
8/14/09	13:42:58	60	1.196	10.959	229.150	5199.850	227.690	5201.310
8/14/09	13:47:58	65	1.192	10.959	229.158	5199.842	227.698	5201.302
8/14/09	13:52:58	70	1.192	10.959	229.159	5199.841	227.699	5201.301
8/14/09	13:57:58	75	1.195	10.952	229.153	5199.847	227.693	5201.307
8/14/09	14:02:58	80	1.193	10.946	229.157	5199.843	227.697	5201.303
8/14/09	14:07:58	85	1.196	10.941	229.151	5199.849	227.691	5201.309
8/14/09	14:12:58	90	1.192	10.939	229.158	5199.842	227.698	5201.302
8/14/09	14:17:58	95	1.194	10.931	229.155	5199.845	227.695	5201.305
8/14/09	14:22:58	100	1.192	10.929	229.159	5199.841	227.699	5201.301
8/14/09	14:27:58	105	1.195	10.921	229.153	5199.847	227.693	5201.307
8/14/09	14:32:58	110	1.196	10.912	229.149	5199.851	227.689	5201.311
8/14/09	14:37:58	115	1.199	10.908	229.142	5199.858	227.682	5201.318
8/14/09	14:42:58	120	1.204	10.902	229.132	5199.868	227.672	5201.328
8/14/09	14:47:58	125	1.199	10.898	229.144	5199.856	227.684	5201.316
8/14/09	14:52:58	130	1.182	10.902	229.182	5199.818	227.722	5201.278
8/14/09	14:57:58	135	1.191	10.881	229.161	5199.839	227.701	5201.299
8/14/09	15:02:58	140	1.196	10.881	229.150	5199.850	227.690	5201.310
8/14/09	15:07:58	145	1.199	10.873	229.144	5199.856	227.684	5201.316
8/14/09	15:12:58	150	1.200	10.873	229.141	5199.859	227.681	5201.319
8/14/09	15:17:58	155	1.204	10.868	229.132	5199.868	227.672	5201.328
8/14/09	15:22:58	160	1.205	10.858	229.130	5199.870	227.670	5201.330
8/14/09	15:27:58	165	1.204	10.849	229.131	5199.869	227.671	5201.329
8/14/09	15:32:58	170	1.192	10.842	229.159	5199.841	227.699	5201.301

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation			
8/14/09	15:37:58	175	1.192	10.838	229.160	5199.840		227.700	5201.300
8/14/09	15:42:58	180	1.188	10.833	229.167	5199.833		227.707	5201.293
8/14/09	15:47:58	185	1.191	10.831	229.163	5199.837		227.703	5201.297
8/14/09	15:52:58	190	1.191	10.824	229.162	5199.838		227.702	5201.298
8/14/09	15:57:58	195	1.197	10.813	229.149	5199.851		227.689	5201.311
8/14/09	16:02:58	200	1.198	10.808	229.145	5199.855		227.685	5201.315
8/14/09	16:07:58	205	1.197	10.803	229.148	5199.852		227.688	5201.312
8/14/09	16:12:58	210	1.208	10.797	229.122	5199.878		227.662	5201.338
8/14/09	16:17:58	215	1.216	10.788	229.105	5199.895		227.645	5201.355
8/14/09	16:22:58	220	1.215	10.783	229.107	5199.893		227.647	5201.353
8/14/09	16:27:58	225	1.217	10.778	229.101	5199.899		227.641	5201.359
8/14/09	16:32:58	230	1.220	10.770	229.095	5199.905		227.635	5201.365
8/14/09	16:37:58	235	1.224	10.766	229.085	5199.915		227.625	5201.375
8/14/09	16:42:58	240	1.223	10.759	229.088	5199.912		227.628	5201.372
8/14/09	16:47:58	245	1.222	10.752	229.089	5199.911		227.629	5201.371
8/14/09	16:52:58	250	1.219	10.746	229.096	5199.904		227.636	5201.364
8/14/09	16:57:58	255	1.218	10.742	229.100	5199.900		227.640	5201.360
8/14/09	17:02:58	260	1.221	10.737	229.092	5199.908		227.632	5201.368
8/14/09	17:07:58	265	1.223	10.731	229.087	5199.913		227.627	5201.373
8/14/09	17:12:58	270	1.234	10.726	229.062	5199.938		227.602	5201.398
8/14/09	17:17:58	275	1.241	10.721	229.047	5199.953		227.587	5201.413
8/14/09	17:22:58	280	1.245	10.718	229.037	5199.963		227.577	5201.423
8/14/09	17:27:58	285	1.245	10.713	229.036	5199.964		227.576	5201.424
8/14/09	17:32:58	290	1.250	10.710	229.026	5199.974		227.566	5201.434
8/14/09	17:37:58	295	1.256	10.701	229.011	5199.989		227.551	5201.449
8/14/09	17:42:58	300	1.274	10.696	228.970	5200.030		227.510	5201.490
8/14/09	17:47:58	305	1.286	10.692	228.943	5200.057		227.483	5201.517
8/14/09	17:52:58	310	1.300	10.689	228.909	5200.091		227.449	5201.551
8/14/09	17:57:58	315	1.308	10.683	228.890	5200.110		227.430	5201.570
8/14/09	18:02:58	320	1.323	10.677	228.857	5200.143		227.397	5201.603
8/14/09	18:07:58	325	1.326	10.674	228.850	5200.150		227.390	5201.610
8/14/09	18:12:58	330	1.328	10.670	228.846	5200.154		227.386	5201.614
8/14/09	18:17:58	335	1.328	10.666	228.844	5200.156		227.384	5201.616
8/14/09	18:22:58	340	1.330	10.662	228.841	5200.159		227.381	5201.619
8/14/09	18:27:58	345	1.331	10.659	228.838	5200.162		227.378	5201.622
8/14/09	18:32:58	350	1.330	10.653	228.840	5200.160		227.380	5201.620
8/14/09	18:37:58	355	1.330	10.647	228.840	5200.160		227.380	5201.620
8/14/09	18:42:58	360	1.330	10.645	228.840	5200.160		227.380	5201.620
8/14/09	18:47:58	365	1.325	10.643	228.853	5200.147		227.393	5201.607
8/14/09	18:52:58	370	1.314	10.637	228.877	5200.123		227.417	5201.583
8/14/09	18:57:58	375	1.311	10.635	228.886	5200.114		227.426	5201.574
8/14/09	19:02:58	380	1.299	10.632	228.913	5200.087		227.453	5201.547
8/14/09	19:07:58	385	1.297	10.627	228.916	5200.084		227.456	5201.544
8/14/09	19:12:58	390	1.287	10.625	228.940	5200.060		227.480	5201.520
8/14/09	19:17:58	395	1.269	10.620	228.981	5200.019		227.521	5201.479
8/14/09	19:22:58	400	1.273	10.613	228.971	5200.029		227.511	5201.489
8/14/09	19:27:58	405	1.273	10.612	228.972	5200.028		227.512	5201.488
8/14/09	19:32:58	410	1.273	10.610	228.971	5200.029		227.511	5201.489
8/14/09	19:37:58	415	1.278	10.609	228.962	5200.038		227.502	5201.498
8/14/09	19:42:58	420	1.276	10.604	228.965	5200.035		227.505	5201.495
8/14/09	19:47:58	425	1.279	10.602	228.958	5200.042		227.498	5201.502
8/14/09	19:52:58	430	1.284	10.602	228.946	5200.054		227.486	5201.514

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/14/09	19:57:58	435	1.293	10.598	228.925	5200.075	227.465	5201.535
8/14/09	20:02:58	440	1.288	10.594	228.937	5200.063	227.477	5201.523
8/14/09	20:07:58	445	1.288	10.591	228.937	5200.063	227.477	5201.523
8/14/09	20:12:58	450	1.285	10.588	228.944	5200.056	227.484	5201.516
8/14/09	20:17:58	455	1.285	10.585	228.944	5200.056	227.484	5201.516
8/14/09	20:22:58	460	1.284	10.579	228.946	5200.054	227.486	5201.514
8/14/09	20:27:58	465	1.281	10.579	228.954	5200.046	227.494	5201.506
8/14/09	20:32:58	470	1.281	10.576	228.955	5200.045	227.495	5201.505
8/14/09	20:37:58	475	1.275	10.575	228.967	5200.033	227.507	5201.493
8/14/09	20:42:58	480	1.270	10.572	228.980	5200.020	227.520	5201.480
8/14/09	20:47:58	485	1.264	10.571	228.993	5200.007	227.533	5201.467
8/14/09	20:52:58	490	1.260	10.571	229.003	5199.997	227.543	5201.457
8/14/09	20:57:58	495	1.259	10.566	229.004	5199.996	227.544	5201.456
8/14/09	21:02:58	500	1.256	10.563	229.012	5199.988	227.552	5201.448
8/14/09	21:07:58	505	1.256	10.563	229.011	5199.989	227.551	5201.449
8/14/09	21:12:58	510	1.254	10.560	229.015	5199.985	227.555	5201.445
8/14/09	21:17:58	515	1.254	10.562	229.016	5199.984	227.556	5201.444
8/14/09	21:22:58	520	1.251	10.557	229.022	5199.978	227.562	5201.438
8/14/09	21:27:58	525	1.252	10.555	229.021	5199.979	227.561	5201.439
8/14/09	21:32:58	530	1.254	10.552	229.015	5199.985	227.555	5201.445
8/14/09	21:37:58	535	1.252	10.552	229.021	5199.979	227.561	5201.439
8/14/09	21:42:58	540	1.250	10.551	229.025	5199.975	227.565	5201.435
8/14/09	21:47:58	545	1.249	10.550	229.027	5199.973	227.567	5201.433
8/14/09	21:52:58	550	1.251	10.546	229.024	5199.976	227.564	5201.436
8/14/09	21:57:58	555	1.248	10.546	229.031	5199.969	227.571	5201.429
8/14/09	22:02:58	560	1.247	10.544	229.033	5199.967	227.573	5201.427
8/14/09	22:07:58	565	1.241	10.539	229.045	5199.955	227.585	5201.415
8/14/09	22:12:58	570	1.242	10.537	229.043	5199.957	227.583	5201.417
8/14/09	22:17:58	575	1.238	10.537	229.053	5199.947	227.593	5201.407
8/14/09	22:22:58	580	1.234	10.538	229.063	5199.937	227.603	5201.397
8/14/09	22:27:58	585	1.231	10.537	229.069	5199.931	227.609	5201.391
8/14/09	22:32:58	590	1.230	10.534	229.072	5199.928	227.612	5201.388
8/14/09	22:37:58	595	1.230	10.531	229.072	5199.928	227.612	5201.388
8/14/09	22:42:58	600	1.228	10.533	229.077	5199.923	227.617	5201.383
8/14/09	22:47:58	605	1.225	10.529	229.083	5199.917	227.623	5201.377
8/14/09	22:52:58	610	1.221	10.526	229.092	5199.908	227.632	5201.368
8/14/09	22:57:58	615	1.220	10.529	229.094	5199.906	227.634	5201.366
8/14/09	23:02:58	620	1.216	10.527	229.103	5199.897	227.643	5201.357
8/14/09	23:07:58	625	1.214	10.522	229.109	5199.891	227.649	5201.351
8/14/09	23:12:58	630	1.214	10.522	229.109	5199.891	227.649	5201.351
8/14/09	23:17:58	635	1.212	10.521	229.112	5199.888	227.652	5201.348
8/14/09	23:22:58	640	1.211	10.520	229.115	5199.885	227.655	5201.345
8/14/09	23:27:58	645	1.210	10.519	229.118	5199.882	227.658	5201.342
8/14/09	23:32:58	650	1.208	10.516	229.123	5199.877	227.663	5201.337
8/14/09	23:37:58	655	1.208	10.514	229.123	5199.877	227.663	5201.337
8/14/09	23:42:58	660	1.204	10.514	229.133	5199.867	227.673	5201.327
8/14/09	23:47:58	665	1.202	10.512	229.136	5199.864	227.676	5201.324
8/14/09	23:52:58	670	1.202	10.514	229.136	5199.864	227.676	5201.324
8/14/09	23:57:58	675	1.202	10.515	229.137	5199.863	227.677	5201.323
8/15/09	0:02:58	680	1.200	10.515	229.142	5199.858	227.682	5201.318
8/15/09	0:07:58	685	1.197	10.514	229.148	5199.852	227.688	5201.312
8/15/09	0:12:58	690	1.196	10.512	229.151	5199.849	227.691	5201.309

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/15/09	0:17:58	695	1.193	10.511	229.156	5199.844	227.696	5201.304
8/15/09	0:22:58	700	1.191	10.508	229.161	5199.839	227.701	5201.299
8/15/09	0:27:58	705	1.191	10.509	229.161	5199.839	227.701	5201.299
8/15/09	0:32:58	710	1.190	10.509	229.163	5199.837	227.703	5201.297
8/15/09	0:37:58	715	1.187	10.508	229.170	5199.830	227.710	5201.290
8/15/09	0:42:58	720	1.185	10.506	229.176	5199.824	227.716	5201.284
8/15/09	0:47:58	725	1.185	10.510	229.176	5199.824	227.716	5201.284
8/15/09	0:52:58	730	1.183	10.506	229.180	5199.820	227.720	5201.280
8/15/09	0:57:58	735	1.182	10.502	229.182	5199.818	227.722	5201.278
8/15/09	1:02:58	740	1.180	10.503	229.186	5199.814	227.726	5201.274
8/15/09	1:07:58	745	1.179	10.505	229.188	5199.812	227.728	5201.272
8/15/09	1:12:58	750	1.178	10.504	229.191	5199.809	227.731	5201.269
8/15/09	1:17:58	755	1.177	10.503	229.194	5199.806	227.734	5201.266
8/15/09	1:22:58	760	1.177	10.502	229.194	5199.806	227.734	5201.266
8/15/09	1:27:58	765	1.173	10.500	229.202	5199.798	227.742	5201.258
8/15/09	1:32:58	770	1.175	10.501	229.199	5199.801	227.739	5201.261
8/15/09	1:37:58	775	1.173	10.502	229.202	5199.798	227.742	5201.258
8/15/09	1:42:58	780	1.173	10.500	229.202	5199.798	227.742	5201.258
8/15/09	1:47:58	785	1.173	10.502	229.203	5199.797	227.743	5201.257
8/15/09	1:52:58	790	1.172	10.501	229.205	5199.795	227.745	5201.255
8/15/09	1:57:58	795	1.170	10.501	229.210	5199.790	227.750	5201.250
8/15/09	2:02:58	800	1.169	10.495	229.213	5199.787	227.753	5201.247
8/15/09	2:07:58	805	1.166	10.496	229.219	5199.781	227.759	5201.241
8/15/09	2:12:58	810	1.166	10.495	229.218	5199.782	227.758	5201.242
8/15/09	2:17:58	815	1.165	10.495	229.222	5199.778	227.762	5201.238
8/15/09	2:22:58	820	1.164	10.493	229.223	5199.777	227.763	5201.237
8/15/09	2:27:58	825	1.164	10.494	229.225	5199.775	227.765	5201.235
8/15/09	2:32:58	830	1.163	10.493	229.226	5199.774	227.766	5201.234
8/15/09	2:37:58	835	1.161	10.495	229.231	5199.769	227.771	5201.229
8/15/09	2:42:58	840	1.161	10.490	229.231	5199.769	227.771	5201.229
8/15/09	2:47:58	845	1.161	10.492	229.232	5199.768	227.772	5201.228
8/15/09	2:52:58	850	1.159	10.490	229.235	5199.765	227.775	5201.225
8/15/09	2:57:58	855	1.159	10.492	229.235	5199.765	227.775	5201.225
8/15/09	3:02:58	860	1.159	10.493	229.236	5199.764	227.776	5201.224
8/15/09	3:07:58	865	1.157	10.491	229.240	5199.760	227.780	5201.220
8/15/09	3:12:58	870	1.158	10.491	229.237	5199.763	227.777	5201.223
8/15/09	3:17:58	875	1.155	10.490	229.244	5199.756	227.784	5201.216
8/15/09	3:22:58	880	1.154	10.488	229.248	5199.752	227.788	5201.212
8/15/09	3:27:58	885	1.154	10.485	229.248	5199.752	227.788	5201.212
8/15/09	3:32:58	890	1.159	10.488	229.237	5199.763	227.777	5201.223
8/15/09	3:37:58	895	1.160	10.487	229.233	5199.767	227.773	5201.227
8/15/09	3:42:58	900	1.156	10.486	229.242	5199.758	227.782	5201.218
8/15/09	3:47:58	905	1.157	10.484	229.240	5199.760	227.780	5201.220
8/15/09	3:52:58	910	1.157	10.486	229.241	5199.759	227.781	5201.219
8/15/09	3:57:58	915	1.158	10.484	229.238	5199.762	227.778	5201.222
8/15/09	4:02:58	920	1.155	10.486	229.245	5199.755	227.785	5201.215
8/15/09	4:07:58	925	1.154	10.484	229.247	5199.753	227.787	5201.213
8/15/09	4:12:58	930	1.153	10.482	229.249	5199.751	227.789	5201.211
8/15/09	4:17:58	935	1.151	10.483	229.254	5199.746	227.794	5201.206
8/15/09	4:22:58	940	1.151	10.484	229.253	5199.747	227.793	5201.207
8/15/09	4:27:58	945	1.153	10.480	229.250	5199.750	227.790	5201.210
8/15/09	4:32:58	950	1.152	10.479	229.252	5199.748	227.792	5201.208

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/15/09	4:37:58	955	1.152	10.481	229.253	5199.747	227.793	5201.207
8/15/09	4:42:58	960	1.154	10.480	229.248	5199.752	227.788	5201.212
8/15/09	4:47:58	965	1.152	10.480	229.251	5199.749	227.791	5201.209
8/15/09	4:52:58	970	1.156	10.484	229.243	5199.757	227.783	5201.217
8/15/09	4:57:58	975	1.155	10.481	229.245	5199.755	227.785	5201.215
8/15/09	5:02:58	980	1.158	10.481	229.238	5199.762	227.778	5201.222
8/15/09	5:07:58	985	1.159	10.482	229.235	5199.765	227.775	5201.225
8/15/09	5:12:58	990	1.160	10.481	229.234	5199.766	227.774	5201.226
8/15/09	5:17:58	995	1.158	10.480	229.238	5199.762	227.778	5201.222
8/15/09	5:22:58	1000	1.156	10.476	229.243	5199.757	227.783	5201.217
8/15/09	5:27:58	1005	1.153	10.476	229.250	5199.750	227.790	5201.210
8/15/09	5:32:58	1010	1.152	10.478	229.252	5199.748	227.792	5201.208
8/15/09	5:37:58	1015	1.154	10.477	229.247	5199.753	227.787	5201.213
8/15/09	5:42:58	1020	1.152	10.477	229.253	5199.747	227.793	5201.207
8/15/09	5:47:58	1025	1.149	10.477	229.259	5199.741	227.799	5201.201
8/15/09	5:52:58	1030	1.150	10.477	229.257	5199.743	227.797	5201.203
8/15/09	5:57:58	1035	1.150	10.471	229.255	5199.745	227.795	5201.205
8/15/09	6:02:58	1040	1.153	10.475	229.250	5199.750	227.790	5201.210
8/15/09	6:07:58	1045	1.155	10.472	229.245	5199.755	227.785	5201.215
8/15/09	6:12:58	1050	1.154	10.473	229.247	5199.753	227.787	5201.213
8/15/09	6:17:58	1055	1.155	10.472	229.245	5199.755	227.785	5201.215
8/15/09	6:22:58	1060	1.159	10.477	229.235	5199.765	227.775	5201.225
8/15/09	6:27:58	1065	1.159	10.475	229.237	5199.763	227.777	5201.223
8/15/09	6:32:58	1070	1.158	10.473	229.238	5199.762	227.778	5201.222
8/15/09	6:37:58	1075	1.157	10.474	229.240	5199.760	227.780	5201.220
8/15/09	6:42:58	1080	1.158	10.472	229.239	5199.761	227.779	5201.221
8/15/09	6:47:58	1085	1.160	10.473	229.234	5199.766	227.774	5201.226
8/15/09	6:52:58	1090	1.157	10.474	229.239	5199.761	227.779	5201.221
8/15/09	6:57:58	1095	1.156	10.474	229.243	5199.757	227.783	5201.217
8/15/09	7:02:58	1100	1.156	10.472	229.243	5199.757	227.783	5201.217
8/15/09	7:07:58	1105	1.153	10.474	229.250	5199.750	227.790	5201.210
8/15/09	7:12:58	1110	1.153	10.472	229.249	5199.751	227.789	5201.211
8/15/09	7:17:58	1115	1.153	10.473	229.250	5199.750	227.790	5201.210
8/15/09	7:22:58	1120	1.154	10.471	229.248	5199.752	227.788	5201.212
8/15/09	7:27:58	1125	1.154	10.472	229.247	5199.753	227.787	5201.213
8/15/09	7:32:58	1130	1.152	10.471	229.252	5199.748	227.792	5201.208
8/15/09	7:37:58	1135	1.151	10.471	229.254	5199.746	227.794	5201.206
8/15/09	7:42:58	1140	1.147	10.468	229.263	5199.737	227.803	5201.197
8/15/09	7:47:58	1145	1.139	10.472	229.281	5199.719	227.821	5201.179
8/15/09	7:52:58	1150	1.133	10.473	229.295	5199.705	227.835	5201.165
8/15/09	7:57:58	1155	1.134	10.474	229.293	5199.707	227.833	5201.167
8/15/09	8:02:58	1160	1.133	10.475	229.296	5199.704	227.836	5201.164
8/15/09	8:07:58	1165	1.135	10.470	229.291	5199.709	227.831	5201.169
8/15/09	8:12:58	1170	1.135	10.470	229.290	5199.710	227.830	5201.170
8/15/09	8:17:58	1175	1.134	10.469	229.292	5199.708	227.832	5201.168
8/15/09	8:22:58	1180	1.133	10.467	229.295	5199.705	227.835	5201.165
8/15/09	8:27:58	1185	1.131	10.471	229.300	5199.700	227.840	5201.160
8/15/09	8:32:58	1190	1.129	10.470	229.306	5199.694	227.846	5201.154
8/15/09	8:37:58	1195	1.127	10.468	229.309	5199.691	227.849	5201.151
8/15/09	8:42:58	1200	1.127	10.468	229.309	5199.691	227.849	5201.151
8/15/09	8:47:58	1205	1.125	10.471	229.314	5199.686	227.854	5201.146
8/15/09	8:52:58	1210	1.125	10.472	229.314	5199.686	227.854	5201.146

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/15/09	8:57:58	1215	1.121	10.470	229.322	5199.678	227.862	5201.138
8/15/09	9:02:58	1220	1.119	10.469	229.328	5199.672	227.868	5201.132
8/15/09	9:07:58	1225	1.113	10.471	229.342	5199.658	227.882	5201.118
8/15/09	9:12:58	1230	1.110	10.471	229.349	5199.651	227.889	5201.111
8/15/09	9:17:58	1235	1.110	10.469	229.348	5199.652	227.888	5201.112
8/15/09	9:22:58	1240	1.111	10.472	229.346	5199.654	227.886	5201.114
8/15/09	9:27:58	1245	1.112	10.470	229.344	5199.656	227.884	5201.116
8/15/09	9:32:58	1250	1.109	10.468	229.351	5199.649	227.891	5201.109
8/15/09	9:37:58	1255	1.108	10.469	229.354	5199.646	227.894	5201.106
8/15/09	9:42:58	1260	1.106	10.466	229.358	5199.642	227.898	5201.102
8/15/09	9:47:58	1265	1.110	10.469	229.349	5199.651	227.889	5201.111
8/15/09	9:52:58	1270	1.110	10.470	229.349	5199.651	227.889	5201.111
8/15/09	9:57:58	1275	1.109	10.470	229.350	5199.650	227.890	5201.110
8/15/09	10:02:58	1280	1.109	10.466	229.351	5199.649	227.891	5201.109
8/15/09	10:07:58	1285	1.108	10.465	229.354	5199.646	227.894	5201.106
8/15/09	10:12:58	1290	1.101	10.468	229.370	5199.630	227.910	5201.090
8/15/09	10:17:58	1295	1.098	10.470	229.376	5199.624	227.916	5201.084
8/15/09	10:22:58	1300	1.099	10.469	229.374	5199.626	227.914	5201.086
8/15/09	10:27:58	1305	1.094	10.470	229.385	5199.615	227.925	5201.075
8/15/09	10:32:58	1310	1.092	10.471	229.390	5199.610	227.930	5201.070
8/15/09	10:37:58	1315	1.090	10.471	229.395	5199.605	227.935	5201.065
8/15/09	10:42:58	1320	1.087	10.468	229.402	5199.598	227.942	5201.058
8/15/09	10:47:58	1325	1.088	10.464	229.400	5199.600	227.940	5201.060
8/15/09	10:52:58	1330	1.086	10.467	229.403	5199.597	227.943	5201.057
8/15/09	10:57:58	1335	1.087	10.466	229.401	5199.599	227.941	5201.059
8/15/09	11:02:58	1340	1.082	10.467	229.413	5199.587	227.953	5201.047
8/15/09	11:07:58	1345	1.080	10.470	229.419	5199.581	227.959	5201.041
8/15/09	11:12:58	1350	1.076	10.471	229.428	5199.572	227.968	5201.032
8/15/09	11:17:58	1355	1.068	10.468	229.445	5199.555	227.985	5201.015
8/15/09	11:22:58	1360	1.073	10.467	229.433	5199.567	227.973	5201.027
8/15/09	11:27:58	1365	1.073	10.464	229.433	5199.567	227.973	5201.027
8/15/09	11:32:58	1370	1.075	10.464	229.430	5199.570	227.970	5201.030
8/15/09	11:37:58	1375	1.072	10.466	229.437	5199.563	227.977	5201.023
8/15/09	11:42:58	1380	1.071	10.465	229.438	5199.562	227.978	5201.022
8/15/09	11:47:58	1385	1.070	10.470	229.440	5199.560	227.980	5201.020
8/15/09	11:52:58	1390	1.073	10.467	229.434	5199.566	227.974	5201.026
8/15/09	11:57:58	1395	1.071	10.468	229.439	5199.561	227.979	5201.021
8/15/09	12:02:58	1400	1.070	10.465	229.441	5199.559	227.981	5201.019
8/15/09	12:07:58	1405	1.070	10.465	229.441	5199.559	227.981	5201.019
8/15/09	12:12:58	1410	1.066	10.463	229.449	5199.551	227.989	5201.011
8/15/09	12:17:58	1415	1.061	10.466	229.462	5199.538	228.002	5200.998
8/15/09	12:22:58	1420	1.060	10.464	229.465	5199.535	228.005	5200.995
8/15/09	12:27:58	1425	1.058	10.465	229.469	5199.531	228.009	5200.991
8/15/09	12:32:58	1430	1.057	10.464	229.471	5199.529	228.011	5200.989
8/15/09	12:37:58	1435	1.057	10.462	229.471	5199.529	228.011	5200.989
8/15/09	12:42:58	1440	1.059	10.463	229.466	5199.534	228.006	5200.994
8/15/09	12:47:58	1445	1.054	10.462	229.479	5199.521	228.019	5200.981
8/15/09	12:52:58	1450	1.051	10.463	229.485	5199.515	228.025	5200.975
8/15/09	12:57:58	1455	1.053	10.463	229.480	5199.520	228.020	5200.980
8/15/09	13:02:58	1460	1.052	10.465	229.482	5199.518	228.022	5200.978
8/15/09	13:07:58	1465	1.054	10.463	229.478	5199.522	228.018	5200.982
8/15/09	13:12:58	1470	1.051	10.464	229.485	5199.515	228.025	5200.975

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/15/09	13:17:58	1475	1.054	10.463	229.477	5199.523	228.017	5200.983
8/15/09	13:22:58	1480	1.056	10.464	229.474	5199.526	228.014	5200.986
8/15/09	13:27:58	1485	1.055	10.464	229.477	5199.523	228.017	5200.983
8/15/09	13:32:58	1490	1.053	10.461	229.479	5199.521	228.019	5200.981
8/15/09	13:37:58	1495	1.055	10.462	229.475	5199.525	228.015	5200.985
8/15/09	13:42:58	1500	1.059	10.461	229.465	5199.535	228.005	5200.995
8/15/09	13:47:58	1505	1.061	10.458	229.462	5199.538	228.002	5200.998
8/15/09	13:52:58	1510	1.057	10.464	229.470	5199.530	228.010	5200.990
8/15/09	13:57:58	1515	1.060	10.463	229.464	5199.536	228.004	5200.996
8/15/09	14:02:58	1520	1.061	10.465	229.461	5199.539	228.001	5200.999
8/15/09	14:07:58	1525	1.064	10.461	229.456	5199.544	227.996	5201.004
8/15/09	14:12:58	1530	1.057	10.459	229.470	5199.530	228.010	5200.990
8/15/09	14:17:58	1535	1.048	10.460	229.492	5199.508	228.032	5200.968
8/15/09	14:22:58	1540	1.043	10.460	229.504	5199.496	228.044	5200.956
8/15/09	14:27:58	1545	1.043	10.459	229.502	5199.498	228.042	5200.958
8/15/09	14:32:58	1550	1.042	10.460	229.506	5199.494	228.046	5200.954
8/15/09	14:37:58	1555	1.042	10.466	229.505	5199.495	228.045	5200.955
8/15/09	14:42:58	1560	1.041	10.461	229.507	5199.493	228.047	5200.953
8/15/09	14:47:58	1565	1.047	10.462	229.495	5199.505	228.035	5200.965
8/15/09	14:52:58	1570	1.041	10.462	229.507	5199.493	228.047	5200.953
8/15/09	14:57:58	1575	1.040	10.461	229.510	5199.490	228.050	5200.950
8/15/09	15:02:58	1580	1.043	10.461	229.504	5199.496	228.044	5200.956
8/15/09	15:07:58	1585	1.042	10.459	229.505	5199.495	228.045	5200.955
8/15/09	15:12:58	1590	1.045	10.461	229.499	5199.501	228.039	5200.961
8/15/09	15:17:58	1595	1.042	10.465	229.506	5199.494	228.046	5200.954
8/15/09	15:22:58	1600	1.038	10.465	229.514	5199.486	228.054	5200.946
8/15/09	15:27:58	1605	1.039	10.461	229.512	5199.488	228.052	5200.948
8/15/09	15:32:58	1610	1.035	10.460	229.522	5199.478	228.062	5200.938
8/15/09	15:37:58	1615	1.032	10.462	229.529	5199.471	228.069	5200.931
8/15/09	15:42:58	1620	1.033	10.459	229.527	5199.473	228.067	5200.933
8/15/09	15:47:58	1625	1.032	10.462	229.529	5199.471	228.069	5200.931
8/15/09	15:52:58	1630	1.032	10.458	229.530	5199.470	228.070	5200.930
8/15/09	15:57:58	1635	1.031	10.460	229.532	5199.468	228.072	5200.928
8/15/09	16:02:58	1640	1.030	10.460	229.533	5199.467	228.073	5200.927
8/15/09	16:07:58	1645	1.030	10.463	229.533	5199.467	228.073	5200.927
8/15/09	16:12:58	1650	1.028	10.460	229.538	5199.462	228.078	5200.922
8/15/09	16:17:58	1655	1.027	10.460	229.539	5199.461	228.079	5200.921
8/15/09	16:22:58	1660	1.026	10.463	229.544	5199.456	228.084	5200.916
8/15/09	16:27:58	1665	1.024	10.463	229.548	5199.452	228.088	5200.912
8/15/09	16:32:58	1670	1.020	10.460	229.556	5199.444	228.096	5200.904
8/15/09	16:37:58	1675	1.021	10.459	229.554	5199.446	228.094	5200.906
8/15/09	16:42:58	1680	1.019	10.463	229.559	5199.441	228.099	5200.901
8/15/09	16:47:58	1685	1.016	10.460	229.565	5199.435	228.105	5200.895
8/15/09	16:52:58	1690	1.016	10.460	229.565	5199.435	228.105	5200.895
8/15/09	16:57:58	1695	1.016	10.462	229.566	5199.434	228.106	5200.894
8/15/09	17:02:58	1700	1.014	10.460	229.570	5199.430	228.110	5200.890
8/15/09	17:07:58	1705	1.016	10.462	229.566	5199.434	228.106	5200.894
8/15/09	17:12:58	1710	1.015	10.463	229.568	5199.432	228.108	5200.892
8/15/09	17:17:58	1715	1.014	10.461	229.570	5199.430	228.110	5200.890
8/15/09	17:22:58	1720	1.013	10.461	229.573	5199.427	228.113	5200.887
8/15/09	17:27:58	1725	1.018	10.460	229.562	5199.438	228.102	5200.898
8/15/09	17:32:58	1730	1.016	10.461	229.565	5199.435	228.105	5200.895

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/15/09	17:37:58	1735	1.018	10.462	229.562	5199.438	228.102	5200.898
8/15/09	17:42:58	1740	1.015	10.462	229.568	5199.432	228.108	5200.892
8/15/09	17:47:58	1745	1.015	10.463	229.569	5199.431	228.109	5200.891
8/15/09	17:52:58	1750	1.012	10.463	229.576	5199.424	228.116	5200.884
8/15/09	17:57:58	1755	1.010	10.463	229.579	5199.421	228.119	5200.881
8/15/09	18:02:58	1760	1.009	10.462	229.583	5199.417	228.123	5200.877
8/15/09	18:07:58	1765	1.007	10.462	229.585	5199.415	228.125	5200.875
8/15/09	18:12:58	1770	1.005	10.460	229.591	5199.409	228.131	5200.869
8/15/09	18:17:58	1775	1.006	10.463	229.588	5199.412	228.128	5200.872
8/15/09	18:22:58	1780	1.006	10.458	229.590	5199.410	228.130	5200.870
8/15/09	18:27:58	1785	1.003	10.462	229.596	5199.404	228.136	5200.864
8/15/09	18:32:58	1790	1.001	10.458	229.599	5199.401	228.139	5200.861
8/15/09	18:37:58	1795	0.998	10.459	229.607	5199.393	228.147	5200.853
8/15/09	18:42:58	1800	0.996	10.462	229.613	5199.387	228.153	5200.847
8/15/09	18:47:58	1805	0.995	10.459	229.615	5199.385	228.155	5200.845
8/15/09	18:52:58	1810	0.992	10.460	229.620	5199.380	228.160	5200.840
8/15/09	18:57:58	1815	0.991	10.463	229.623	5199.377	228.163	5200.837
8/15/09	19:02:58	1820	0.991	10.461	229.624	5199.376	228.164	5200.836
8/15/09	19:07:58	1825	0.992	10.464	229.622	5199.378	228.162	5200.838
8/15/09	19:12:58	1830	0.990	10.463	229.626	5199.374	228.166	5200.834
8/15/09	19:17:58	1835	0.991	10.461	229.622	5199.378	228.162	5200.838
8/15/09	19:22:58	1840	0.992	10.462	229.622	5199.378	228.162	5200.838
8/15/09	19:27:58	1845	0.991	10.458	229.623	5199.377	228.163	5200.837
8/15/09	19:32:58	1850	0.992	10.460	229.620	5199.380	228.160	5200.840
8/15/09	19:37:58	1855	0.992	10.462	229.620	5199.380	228.160	5200.840
8/15/09	19:42:58	1860	0.996	10.458	229.612	5199.388	228.152	5200.848
8/15/09	19:47:58	1865	0.998	10.460	229.607	5199.393	228.147	5200.853
8/15/09	19:52:58	1870	0.999	10.458	229.605	5199.395	228.145	5200.855
8/15/09	19:57:58	1875	1.000	10.459	229.603	5199.397	228.143	5200.857
8/15/09	20:02:58	1880	1.002	10.459	229.597	5199.403	228.137	5200.863
8/15/09	20:07:58	1885	1.000	10.462	229.603	5199.397	228.143	5200.857
8/15/09	20:12:58	1890	1.002	10.461	229.599	5199.401	228.139	5200.861
8/15/09	20:17:58	1895	1.005	10.460	229.592	5199.408	228.132	5200.868
8/15/09	20:22:58	1900	1.005	10.463	229.592	5199.408	228.132	5200.868
8/15/09	20:27:58	1905	1.003	10.459	229.596	5199.404	228.136	5200.864
8/15/09	20:32:58	1910	1.003	10.459	229.595	5199.405	228.135	5200.865
8/15/09	20:37:58	1915	1.004	10.460	229.593	5199.407	228.133	5200.867
8/15/09	20:42:58	1920	1.003	10.460	229.596	5199.404	228.136	5200.864
8/15/09	20:47:58	1925	1.003	10.462	229.596	5199.404	228.136	5200.864
8/15/09	20:52:58	1930	1.006	10.459	229.590	5199.410	228.130	5200.870
8/15/09	20:57:58	1935	1.006	10.460	229.588	5199.412	228.128	5200.872
8/15/09	21:02:58	1940	1.006	10.463	229.588	5199.412	228.128	5200.872
8/15/09	21:07:58	1945	1.007	10.458	229.586	5199.414	228.126	5200.874
8/15/09	21:12:58	1950	1.006	10.458	229.589	5199.411	228.129	5200.871
8/15/09	21:17:58	1955	1.003	10.462	229.597	5199.403	228.137	5200.863
8/15/09	21:22:58	1960	1.000	10.461	229.602	5199.398	228.142	5200.858
8/15/09	21:27:58	1965	0.998	10.458	229.608	5199.392	228.148	5200.852
8/15/09	21:32:58	1970	0.999	10.460	229.605	5199.395	228.145	5200.855
8/15/09	21:37:58	1975	1.003	10.459	229.596	5199.404	228.136	5200.864
8/15/09	21:42:58	1980	1.003	10.459	229.596	5199.404	228.136	5200.864
8/15/09	21:47:58	1985	1.009	10.461	229.582	5199.418	228.122	5200.878
8/15/09	21:52:58	1990	1.019	10.456	229.559	5199.441	228.099	5200.901

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/15/09	21:57:58	1995	1.022	10.458	229.552	5199.448	228.092	5200.908
8/15/09	22:02:58	2000	1.021	10.456	229.554	5199.446	228.094	5200.906
8/15/09	22:07:58	2005	1.018	10.457	229.560	5199.440	228.100	5200.900
8/15/09	22:12:58	2010	1.019	10.454	229.558	5199.442	228.098	5200.902
8/15/09	22:17:58	2015	1.019	10.457	229.558	5199.442	228.098	5200.902
8/15/09	22:22:58	2020	1.009	10.455	229.582	5199.418	228.122	5200.878
8/15/09	22:27:58	2025	0.995	10.455	229.614	5199.386	228.154	5200.846
8/15/09	22:32:58	2030	0.999	10.456	229.604	5199.396	228.144	5200.856
8/15/09	22:37:58	2035	1.000	10.454	229.602	5199.398	228.142	5200.858
8/15/09	22:42:58	2040	0.995	10.454	229.614	5199.386	228.154	5200.846
8/15/09	22:47:58	2045	0.995	10.455	229.614	5199.386	228.154	5200.846
8/15/09	22:52:58	2050	0.995	10.454	229.613	5199.387	228.153	5200.847
8/15/09	22:57:58	2055	0.994	10.454	229.616	5199.384	228.156	5200.844
8/15/09	23:02:58	2060	0.998	10.455	229.607	5199.393	228.147	5200.853
8/15/09	23:07:58	2065	1.002	10.456	229.599	5199.401	228.139	5200.861
8/15/09	23:12:58	2070	1.000	10.455	229.602	5199.398	228.142	5200.858
8/15/09	23:17:58	2075	1.003	10.461	229.596	5199.404	228.136	5200.864
8/15/09	23:22:58	2080	1.003	10.458	229.597	5199.403	228.137	5200.863
8/15/09	23:27:58	2085	1.003	10.457	229.596	5199.404	228.136	5200.864
8/15/09	23:32:58	2090	1.000	10.456	229.602	5199.398	228.142	5200.858
8/15/09	23:37:58	2095	0.999	10.456	229.605	5199.395	228.145	5200.855
8/15/09	23:42:58	2100	0.999	10.454	229.604	5199.396	228.144	5200.856
8/15/09	23:47:58	2105	0.999	10.454	229.605	5199.395	228.145	5200.855
8/15/09	23:52:58	2110	1.001	10.456	229.601	5199.399	228.141	5200.859
8/15/09	23:57:58	2115	0.999	10.456	229.604	5199.396	228.144	5200.856
8/16/09	0:02:58	2120	0.996	10.456	229.612	5199.388	228.152	5200.848
8/16/09	0:07:58	2125	0.995	10.452	229.614	5199.386	228.154	5200.846
8/16/09	0:12:58	2130	0.995	10.456	229.614	5199.386	228.154	5200.846
8/16/09	0:17:58	2135	0.994	10.456	229.618	5199.382	228.158	5200.842
8/16/09	0:22:58	2140	0.992	10.455	229.622	5199.378	228.162	5200.838
8/16/09	0:27:58	2145	0.990	10.455	229.625	5199.375	228.165	5200.835
8/16/09	0:32:58	2150	0.990	10.455	229.625	5199.375	228.165	5200.835
8/16/09	0:37:58	2155	0.991	10.457	229.623	5199.377	228.163	5200.837
8/16/09	0:42:58	2160	0.986	10.454	229.635	5199.365	228.175	5200.825
8/16/09	0:47:58	2165	0.987	10.456	229.633	5199.367	228.173	5200.827
8/16/09	0:52:58	2170	0.983	10.454	229.641	5199.359	228.181	5200.819
8/16/09	0:57:58	2175	0.984	10.454	229.641	5199.359	228.181	5200.819
8/16/09	1:02:58	2180	0.982	10.456	229.644	5199.356	228.184	5200.816
8/16/09	1:07:58	2185	0.981	10.455	229.646	5199.354	228.186	5200.814
8/16/09	1:12:58	2190	0.980	10.453	229.649	5199.351	228.189	5200.811
8/16/09	1:17:58	2195	0.977	10.457	229.655	5199.345	228.195	5200.805
8/16/09	1:22:58	2200	0.979	10.456	229.651	5199.349	228.191	5200.809
8/16/09	1:27:58	2205	0.979	10.454	229.651	5199.349	228.191	5200.809
8/16/09	1:32:58	2210	0.977	10.456	229.656	5199.344	228.196	5200.804
8/16/09	1:37:58	2215	0.977	10.454	229.656	5199.344	228.196	5200.804
8/16/09	1:42:58	2220	0.974	10.452	229.664	5199.336	228.204	5200.796
8/16/09	1:47:58	2225	0.973	10.454	229.665	5199.335	228.205	5200.795
8/16/09	1:52:58	2230	0.972	10.454	229.667	5199.333	228.207	5200.793
8/16/09	1:57:58	2235	0.973	10.457	229.666	5199.334	228.206	5200.794
8/16/09	2:02:58	2240	0.972	10.458	229.668	5199.332	228.208	5200.792
8/16/09	2:07:58	2245	0.972	10.454	229.668	5199.332	228.208	5200.792
8/16/09	2:12:58	2250	0.971	10.454	229.671	5199.329	228.211	5200.789

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation			
8/16/09	2:17:58	2255	0.969	10.453	229.674	5199.326		228.214	5200.786
8/16/09	2:22:58	2260	0.968	10.451	229.676	5199.324		228.216	5200.784
8/16/09	2:27:58	2265	0.966	10.454	229.681	5199.319		228.221	5200.779
8/16/09	2:32:58	2270	0.962	10.456	229.689	5199.311		228.229	5200.771
8/16/09	2:37:58	2275	0.967	10.458	229.679	5199.321		228.219	5200.781
8/16/09	2:42:58	2280	0.966	10.455	229.681	5199.319		228.221	5200.779
8/16/09	2:47:58	2285	0.963	10.453	229.687	5199.313		228.227	5200.773
8/16/09	2:52:58	2290	0.964	10.457	229.686	5199.314		228.226	5200.774
8/16/09	2:57:58	2295	0.963	10.459	229.688	5199.312		228.228	5200.772
8/16/09	3:02:58	2300	0.962	10.458	229.690	5199.310		228.230	5200.770
8/16/09	3:07:58	2305	0.961	10.454	229.692	5199.308		228.232	5200.768
8/16/09	3:12:58	2310	0.961	10.456	229.693	5199.307		228.233	5200.767
8/16/09	3:17:58	2315	0.960	10.457	229.694	5199.306		228.234	5200.766
8/16/09	3:22:58	2320	0.960	10.454	229.695	5199.305		228.235	5200.765
8/16/09	3:27:58	2325	0.956	10.458	229.704	5199.296		228.244	5200.756
8/16/09	3:32:58	2330	0.958	10.457	229.700	5199.300		228.240	5200.760
8/16/09	3:37:58	2335	0.958	10.453	229.700	5199.300		228.240	5200.760
8/16/09	3:42:58	2340	0.957	10.453	229.701	5199.299		228.241	5200.759
8/16/09	3:47:58	2345	0.955	10.458	229.707	5199.293		228.247	5200.753
8/16/09	3:52:58	2350	0.958	10.456	229.701	5199.299		228.241	5200.759
8/16/09	3:57:58	2355	0.954	10.455	229.708	5199.292		228.248	5200.752
8/16/09	4:02:58	2360	0.953	10.457	229.711	5199.289		228.251	5200.749
8/16/09	4:07:58	2365	0.951	10.454	229.715	5199.285		228.255	5200.745
8/16/09	4:12:58	2370	0.951	10.458	229.716	5199.284		228.256	5200.744
8/16/09	4:17:58	2375	0.950	10.456	229.718	5199.282		228.258	5200.742
8/16/09	4:22:58	2380	0.948	10.454	229.723	5199.277		228.263	5200.737
8/16/09	4:27:58	2385	0.947	10.454	229.725	5199.275		228.265	5200.735
8/16/09	4:32:58	2390	0.946	10.458	229.727	5199.273		228.267	5200.733
8/16/09	4:37:58	2395	0.945	10.459	229.730	5199.270		228.270	5200.730
8/16/09	4:42:58	2400	0.945	10.458	229.729	5199.271		228.269	5200.731
8/16/09	4:47:58	2405	0.946	10.455	229.728	5199.272		228.268	5200.732
8/16/09	4:52:58	2410	0.944	10.458	229.732	5199.268		228.272	5200.728
8/16/09	4:57:58	2415	0.943	10.456	229.734	5199.266		228.274	5200.726
8/16/09	5:02:58	2420	0.942	10.456	229.737	5199.263		228.277	5200.723
8/16/09	5:07:58	2425	0.942	10.458	229.736	5199.264		228.276	5200.724
8/16/09	5:12:58	2430	0.941	10.456	229.739	5199.261		228.279	5200.721
8/16/09	5:17:58	2435	0.939	10.456	229.743	5199.257		228.283	5200.717
8/16/09	5:22:58	2440	0.937	10.456	229.748	5199.252		228.288	5200.712
8/16/09	5:27:58	2445	0.936	10.455	229.750	5199.250		228.290	5200.710
8/16/09	5:32:58	2450	0.935	10.454	229.753	5199.247		228.293	5200.707
8/16/09	5:37:58	2455	0.932	10.457	229.759	5199.241		228.299	5200.701
8/16/09	5:42:58	2460	0.931	10.457	229.763	5199.237		228.303	5200.697
8/16/09	5:47:58	2465	0.930	10.454	229.764	5199.236		228.304	5200.696
8/16/09	5:52:58	2470	0.930	10.454	229.763	5199.237		228.303	5200.697
8/16/09	5:57:58	2475	0.928	10.452	229.769	5199.231		228.309	5200.691
8/16/09	6:02:58	2480	0.926	10.455	229.773	5199.227		228.313	5200.687
8/16/09	6:07:58	2485	0.926	10.452	229.774	5199.226		228.314	5200.686
8/16/09	6:12:58	2490	0.923	10.454	229.781	5199.219		228.321	5200.679
8/16/09	6:17:58	2495	0.922	10.456	229.783	5199.217		228.323	5200.677
8/16/09	6:22:58	2500	0.920	10.452	229.787	5199.213		228.327	5200.673
8/16/09	6:27:58	2505	0.918	10.454	229.791	5199.209		228.331	5200.669
8/16/09	6:32:58	2510	0.916	10.453	229.797	5199.203		228.337	5200.663

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/16/09	6:37:58	2515	0.914	10.455	229.801	5199.199	228.341	5200.659
8/16/09	6:42:58	2520	0.911	10.454	229.808	5199.192	228.348	5200.652
8/16/09	6:47:58	2525	0.909	10.454	229.812	5199.188	228.352	5200.648
8/16/09	6:52:58	2530	0.909	10.454	229.814	5199.186	228.354	5200.646
8/16/09	6:57:58	2535	0.907	10.454	229.817	5199.183	228.357	5200.643
8/16/09	7:02:58	2540	0.905	10.457	229.821	5199.179	228.361	5200.639
8/16/09	7:07:58	2545	0.903	10.456	229.827	5199.173	228.367	5200.633
8/16/09	7:12:58	2550	0.901	10.455	229.832	5199.168	228.372	5200.628
8/16/09	7:17:58	2555	0.901	10.454	229.832	5199.168	228.372	5200.628
8/16/09	7:22:58	2560	0.899	10.455	229.835	5199.165	228.375	5200.625
8/16/09	7:27:58	2565	0.897	10.451	229.839	5199.161	228.379	5200.621
8/16/09	7:32:58	2570	0.897	10.454	229.841	5199.159	228.381	5200.619
8/16/09	7:37:58	2575	0.893	10.454	229.849	5199.151	228.389	5200.611
8/16/09	7:42:58	2580	0.891	10.453	229.854	5199.146	228.394	5200.606
8/16/09	7:47:58	2585	0.887	10.453	229.863	5199.137	228.403	5200.597
8/16/09	7:52:58	2590	0.887	10.453	229.863	5199.137	228.403	5200.597
8/16/09	7:57:58	2595	0.886	10.455	229.865	5199.135	228.405	5200.595
8/16/09	8:02:58	2600	0.886	10.454	229.866	5199.134	228.406	5200.594
8/16/09	8:07:58	2605	0.883	10.453	229.872	5199.128	228.412	5200.588
8/16/09	8:12:58	2610	0.883	10.454	229.873	5199.127	228.413	5200.587
8/16/09	8:17:58	2615	0.880	10.451	229.880	5199.120	228.420	5200.580
8/16/09	8:22:58	2620	0.877	10.450	229.886	5199.114	228.426	5200.574
8/16/09	8:27:58	2625	0.875	10.452	229.892	5199.108	228.432	5200.568
8/16/09	8:32:58	2630	0.872	10.452	229.899	5199.101	228.439	5200.561
8/16/09	8:37:58	2635	0.871	10.453	229.901	5199.099	228.441	5200.559
8/16/09	8:42:58	2640	0.870	10.453	229.904	5199.096	228.444	5200.556
8/16/09	8:47:58	2645	0.869	10.454	229.905	5199.095	228.445	5200.555
8/16/09	8:52:58	2650	0.866	10.450	229.912	5199.088	228.452	5200.548
8/16/09	8:57:58	2655	0.868	10.455	229.908	5199.092	228.448	5200.552
8/16/09	9:02:58	2660	0.868	10.454	229.907	5199.093	228.447	5200.553
8/16/09	9:07:58	2665	0.865	10.452	229.915	5199.085	228.455	5200.545
8/16/09	9:12:58	2670	0.864	10.455	229.916	5199.084	228.456	5200.544
8/16/09	9:17:58	2675	0.861	10.454	229.923	5199.077	228.463	5200.537
8/16/09	9:22:58	2680	0.860	10.454	229.926	5199.074	228.466	5200.534
8/16/09	9:27:58	2685	0.857	10.455	229.932	5199.068	228.472	5200.528
8/16/09	9:32:58	2690	0.857	10.455	229.933	5199.067	228.473	5200.527
8/16/09	9:37:58	2695	0.855	10.455	229.938	5199.062	228.478	5200.522
8/16/09	9:42:58	2700	0.852	10.455	229.945	5199.055	228.485	5200.515
8/16/09	9:47:58	2705	0.850	10.453	229.949	5199.051	228.489	5200.511
8/16/09	9:52:58	2710	0.848	10.453	229.953	5199.047	228.493	5200.507
8/16/09	9:57:58	2715	0.849	10.458	229.951	5199.049	228.491	5200.509
8/16/09	10:02:58	2720	0.846	10.456	229.959	5199.041	228.499	5200.501
8/16/09	10:07:58	2725	0.847	10.459	229.955	5199.045	228.495	5200.505
8/16/09	10:12:58	2730	0.844	10.459	229.962	5199.038	228.502	5200.498
8/16/09	10:17:58	2735	0.842	10.459	229.968	5199.032	228.508	5200.492
8/16/09	10:22:58	2740	0.838	10.455	229.976	5199.024	228.516	5200.484
8/16/09	10:27:58	2745	0.837	10.458	229.979	5199.021	228.519	5200.481
8/16/09	10:32:58	2750	0.835	10.456	229.983	5199.017	228.523	5200.477
8/16/09	10:37:58	2755	0.833	10.458	229.988	5199.012	228.528	5200.472
8/16/09	10:42:58	2760	0.832	10.456	229.989	5199.011	228.529	5200.471
8/16/09	10:47:58	2765	0.832	10.461	229.990	5199.010	228.530	5200.470
8/16/09	10:52:58	2770	0.829	10.455	229.998	5199.002	228.538	5200.462

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/16/09	10:57:58	2775	0.826	10.459	230.004	5198.996	228.544	5200.456
8/16/09	11:02:58	2780	0.821	10.457	230.015	5198.985	228.555	5200.445
8/16/09	11:07:58	2785	0.821	10.452	230.016	5198.984	228.556	5200.444
8/16/09	11:12:58	2790	0.821	10.454	230.017	5198.983	228.557	5200.443
8/16/09	11:17:58	2795	0.820	10.454	230.019	5198.981	228.559	5200.441
8/16/09	11:22:58	2800	0.817	10.453	230.026	5198.974	228.566	5200.434
8/16/09	11:27:58	2805	0.812	10.454	230.037	5198.963	228.577	5200.423
8/16/09	11:32:58	2810	0.810	10.452	230.041	5198.959	228.581	5200.419
8/16/09	11:37:58	2815	0.811	10.453	230.039	5198.961	228.579	5200.421
8/16/09	11:42:58	2820	0.809	10.456	230.044	5198.956	228.584	5200.416
8/16/09	11:47:58	2825	0.806	10.454	230.050	5198.950	228.590	5200.410
8/16/09	11:52:58	2830	0.806	10.453	230.051	5198.949	228.591	5200.409
8/16/09	11:57:58	2835	0.803	10.455	230.057	5198.943	228.597	5200.403
8/16/09	12:02:58	2840	0.801	10.449	230.062	5198.938	228.602	5200.398
8/16/09	12:07:58	2845	0.798	10.451	230.070	5198.930	228.610	5200.390
8/16/09	12:12:58	2850	0.794	10.450	230.079	5198.921	228.619	5200.381
8/16/09	12:17:58	2855	0.792	10.451	230.084	5198.916	228.624	5200.376
8/16/09	12:22:58	2860	0.791	10.454	230.085	5198.915	228.625	5200.375
8/16/09	12:27:58	2865	0.787	10.455	230.095	5198.905	228.635	5200.365
8/16/09	12:32:58	2870	0.785	10.457	230.098	5198.902	228.638	5200.362
8/16/09	12:37:58	2875	0.785	10.456	230.100	5198.900	228.640	5200.360
8/16/09	12:42:58	2880	0.784	10.456	230.101	5198.899	228.641	5200.359
8/16/09	12:47:58	2885	0.783	10.454	230.105	5198.895	228.645	5200.355
8/16/09	12:52:58	2890	0.782	10.457	230.105	5198.895	228.645	5200.355
8/16/09	12:57:58	2895	0.782	10.454	230.105	5198.895	228.645	5200.355
8/16/09	13:02:58	2900	0.781	10.458	230.107	5198.893	228.647	5200.353
8/16/09	13:07:58	2905	0.782	10.460	230.107	5198.893	228.647	5200.353
8/16/09	13:12:58	2910	0.782	10.454	230.106	5198.894	228.646	5200.354
8/16/09	13:17:58	2915	0.782	10.457	230.107	5198.893	228.647	5200.353
8/16/09	13:22:58	2920	0.780	10.454	230.111	5198.889	228.651	5200.349
8/16/09	13:27:58	2925	0.779	10.454	230.113	5198.887	228.653	5200.347
8/16/09	13:32:58	2930	0.780	10.455	230.110	5198.890	228.650	5200.350
8/16/09	13:37:58	2935	0.779	10.453	230.113	5198.887	228.653	5200.347
8/16/09	13:42:58	2940	0.778	10.454	230.115	5198.885	228.655	5200.345
8/16/09	13:47:58	2945	0.776	10.453	230.121	5198.879	228.661	5200.339
8/16/09	13:52:58	2950	0.776	10.457	230.120	5198.880	228.660	5200.340
8/16/09	13:57:58	2955	0.774	10.457	230.124	5198.876	228.664	5200.336
8/16/09	14:02:58	2960	0.772	10.455	230.129	5198.871	228.669	5200.331
8/16/09	14:07:58	2965	0.771	10.455	230.131	5198.869	228.671	5200.329
8/16/09	14:12:58	2970	0.771	10.453	230.132	5198.868	228.672	5200.328
8/16/09	14:17:58	2975	0.769	10.456	230.135	5198.865	228.675	5200.325
8/16/09	14:22:58	2980	0.768	10.455	230.139	5198.861	228.679	5200.321
8/16/09	14:27:58	2985	0.765	10.457	230.145	5198.855	228.685	5200.315
8/16/09	14:32:58	2990	0.761	10.454	230.155	5198.845	228.695	5200.305
8/16/09	14:37:58	2995	0.756	10.457	230.165	5198.835	228.705	5200.295
8/16/09	14:42:58	3000	0.759	10.453	230.159	5198.841	228.699	5200.301
8/16/09	14:47:58	3005	0.762	10.454	230.152	5198.848	228.692	5200.308
8/16/09	14:52:58	3010	0.762	10.453	230.152	5198.848	228.692	5200.308
8/16/09	14:57:58	3015	0.763	10.457	230.150	5198.850	228.690	5200.310
8/16/09	15:02:58	3020	0.765	10.455	230.146	5198.854	228.686	5200.314
8/16/09	15:07:58	3025	0.770	10.455	230.133	5198.867	228.673	5200.327
8/16/09	15:12:58	3030	0.775	10.454	230.122	5198.878	228.662	5200.338

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/16/09	15:17:58	3035	0.779	10.454	230.113	5198.887	228.653	5200.347
8/16/09	15:22:58	3040	0.779	10.455	230.112	5198.888	228.652	5200.348
8/16/09	15:27:58	3045	0.781	10.456	230.108	5198.892	228.648	5200.352
8/16/09	15:32:58	3050	0.779	10.452	230.114	5198.886	228.654	5200.346
8/16/09	15:37:58	3055	0.780	10.454	230.111	5198.889	228.651	5200.349
8/16/09	15:42:58	3060	0.776	10.451	230.121	5198.879	228.661	5200.339
8/16/09	15:47:58	3065	0.779	10.454	230.112	5198.888	228.652	5200.348
8/16/09	15:52:58	3070	0.775	10.453	230.121	5198.879	228.661	5200.339
8/16/09	15:57:58	3075	0.776	10.454	230.120	5198.880	228.660	5200.340
8/16/09	16:02:58	3080	0.767	10.454	230.142	5198.858	228.682	5200.318
8/16/09	16:07:58	3085	0.762	10.455	230.151	5198.849	228.691	5200.309
8/16/09	16:12:58	3090	0.759	10.453	230.158	5198.842	228.698	5200.302
8/16/09	16:17:58	3095	0.760	10.451	230.157	5198.843	228.697	5200.303
8/16/09	16:22:58	3100	0.760	10.452	230.158	5198.842	228.698	5200.302
8/16/09	16:27:58	3105	0.759	10.450	230.160	5198.840	228.700	5200.300
8/16/09	16:32:58	3110	0.760	10.451	230.158	5198.842	228.698	5200.302
8/16/09	16:37:58	3115	0.758	10.453	230.163	5198.837	228.703	5200.297
8/16/09	16:42:58	3120	0.758	10.454	230.161	5198.839	228.701	5200.299
8/16/09	16:47:58	3125	0.757	10.454	230.163	5198.837	228.703	5200.297
8/16/09	16:52:58	3130	0.757	10.452	230.163	5198.837	228.703	5200.297
8/16/09	16:57:58	3135	0.757	10.452	230.164	5198.836	228.704	5200.296
8/16/09	17:02:58	3140	0.760	10.452	230.157	5198.843	228.697	5200.303
8/16/09	17:07:58	3145	0.760	10.451	230.157	5198.843	228.697	5200.303
8/16/09	17:12:58	3150	0.760	10.453	230.156	5198.844	228.696	5200.304
8/16/09	17:17:58	3155	0.760	10.453	230.156	5198.844	228.696	5200.304
8/16/09	17:22:58	3160	0.764	10.453	230.147	5198.853	228.687	5200.313
8/16/09	17:27:58	3165	0.761	10.454	230.154	5198.846	228.694	5200.306
8/16/09	17:32:58	3170	0.760	10.452	230.158	5198.842	228.698	5200.302
8/16/09	17:37:58	3175	0.759	10.454	230.159	5198.841	228.699	5200.301
8/16/09	17:42:58	3180	0.758	10.456	230.161	5198.839	228.701	5200.299
8/16/09	17:47:58	3185	0.761	10.455	230.155	5198.845	228.695	5200.305
8/16/09	17:52:58	3190	0.760	10.457	230.158	5198.842	228.698	5200.302
8/16/09	17:57:58	3195	0.759	10.455	230.160	5198.840	228.700	5200.300
8/16/09	18:02:58	3200	0.759	10.457	230.160	5198.840	228.700	5200.300
8/16/09	18:07:58	3205	0.755	10.455	230.168	5198.832	228.708	5200.292
8/16/09	18:12:58	3210	0.753	10.457	230.174	5198.826	228.714	5200.286
8/16/09	18:17:58	3215	0.752	10.456	230.176	5198.824	228.716	5200.284
8/16/09	18:22:58	3220	0.754	10.454	230.171	5198.829	228.711	5200.289
8/16/09	18:27:58	3225	0.757	10.455	230.165	5198.835	228.705	5200.295
8/16/09	18:32:58	3230	0.758	10.456	230.162	5198.838	228.702	5200.298
8/16/09	18:37:58	3235	0.758	10.457	230.161	5198.839	228.701	5200.299
8/16/09	18:42:58	3240	0.755	10.456	230.168	5198.832	228.708	5200.292
8/16/09	18:47:58	3245	0.756	10.453	230.166	5198.834	228.706	5200.294
8/16/09	18:52:58	3250	0.756	10.454	230.166	5198.834	228.706	5200.294
8/16/09	18:57:58	3255	0.758	10.455	230.161	5198.839	228.701	5200.299
8/16/09	19:02:58	3260	0.761	10.455	230.154	5198.846	228.694	5200.306
8/16/09	19:07:58	3265	0.765	10.454	230.146	5198.854	228.686	5200.314
8/16/09	19:12:58	3270	0.768	10.454	230.138	5198.862	228.678	5200.322
8/16/09	19:17:58	3275	0.768	10.454	230.138	5198.862	228.678	5200.322
8/16/09	19:22:58	3280	0.771	10.453	230.131	5198.869	228.671	5200.329
8/16/09	19:27:58	3285	0.769	10.455	230.137	5198.863	228.677	5200.323
8/16/09	19:32:58	3290	0.777	10.454	230.118	5198.882	228.658	5200.342